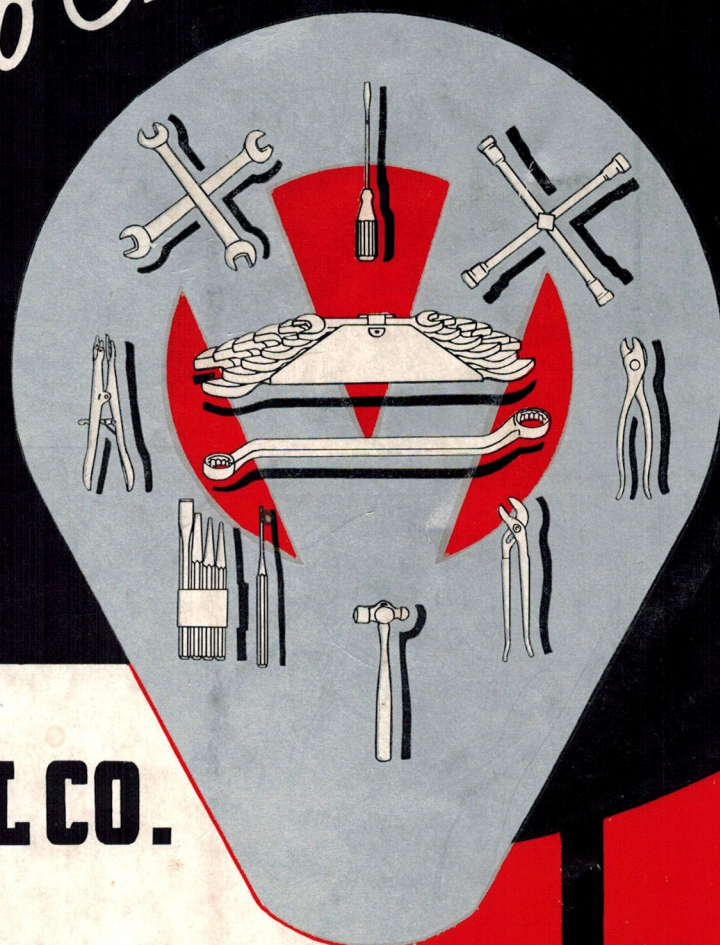


Dec 2, 1935

VELCHEK

Tools



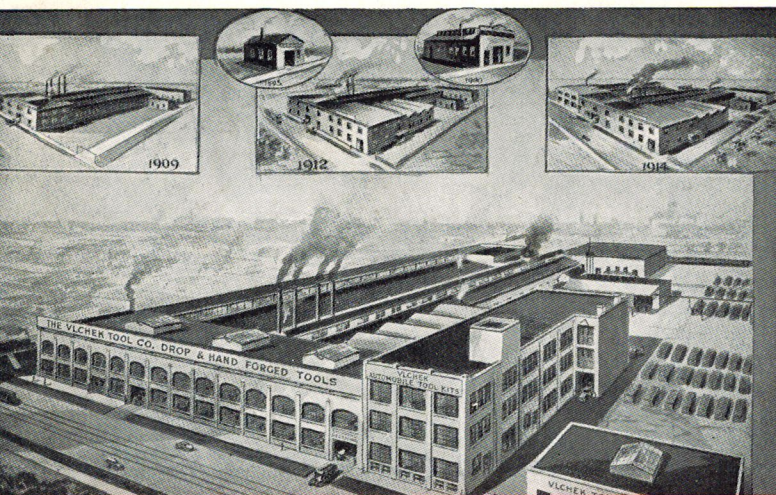
Dec 2, 1938

THE VELCHEK TOOL CO.
CLEVELAND, OHIO

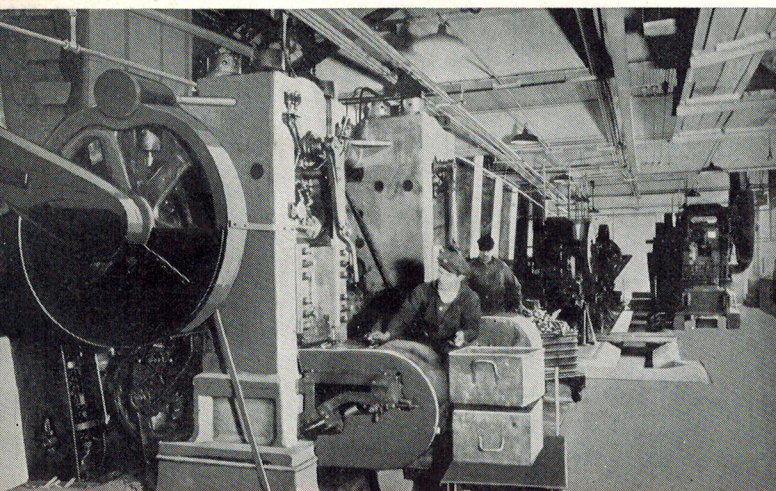
CATALOG NO. A4

APRIL, 1938

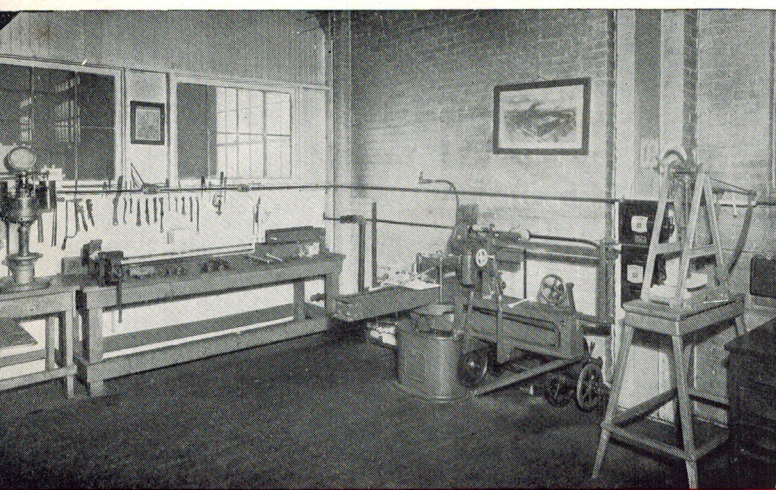
FOREWORD— FORTY YEARS TRAINED CRAFTSMANSHIP, Modern Methods and Equipment, Rigid Inspection Standards, and Constant Research—All Insure that VLCHEK Tools in the hands of the user will give SERVICE—ALL the Service that can be expected from Any Fine Tool.



The now famous Vlcchek Tool plant had a small beginning during the cradle days of the automobile. Growing in successive steps in line with automobile development, the Vlcchek plant boasts forty years trained tool craftsmanship. This long experience enters into the manufacture of every Vlcchek Tool.



The making of fine mechanics' hand tools requires fine, modern plant equipment. The Vlcchek Million Dollar Plant is continually installing new machinery to set the pace in up-to-date hand tool manufacture. Here is shown a 600 ton coining press, one of the modern machines used in Vlcchek precision tool making.



No tool leaves the Vlcchek plant without being judged up to Vlcchek Standards. Tools are put through various unflinching tests, being tried for strength, hardness, size and breaking point. It is Vlcchek procedure to make these tests as difficult and positive as possible. When the tool leaves the plant it leaves as a *real* quality tool.

The Vlcchek brand guarantees Vlcchek plant stand back of



that the great resources of the each individual tool that you sell.

VLCHEK QUALITY TOOLS

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Numerical Price List and Index

Catalog Number	Page	List Price	Units in Carton	Weight Each lbs. oz.	Catalog Number	Page	List Price	Units in Carton	Weight Each lbs. oz.	Catalog Number	Page	List Price	Units in Carton	Weight Each lbs. oz.
END WRENCHES—CARBON STEEL					END WRENCHES—CARBON STEEL (Cont'd.)					END WRENCHES—CARBON STEEL (Cont'd.)				
21	8	\$0.25	6	1	81-E	10	\$0.65	6	10	739-B	8	\$1.85	6	2 10
21-S	8	.25	6	1/2	83-A	10	.80	6	1	741	8	3.00	6	3 14
22	8	.30	6	2	83-B	10	.80	6	1	TOOL KITS				
23	8	.30	6	2	83-C	10	.80	6	1	900	27	19.00	1	14 5
24	8	.35	6	3	83-D	10	.80	6	1	902	27	14.00	1	10 13
25	8	.35	6	3	83-E	10	.80	6	1	904	28	10.00	1	10 9
26	8	.40	6	5	85	10	1.25	6	1 9	904-B	28	8.75	1	10 9
27	8	.40	6	5	85-A	10	1.25	6	1 9	906	28	7.25	1	7 2
27-C	8	.40	6	5	85-B	10	1.25	6	1 9	906-B	28	6.00	1	7 2
28	8	.50	6	7	85-C	10	1.25	6	1 9	907	28	3.90	1	4 14
28-S	8	.50	6	7	85-D	10	1.25	6	1 9	907-B	28	3.50	1	4 14
29	8	.50	6	7	TAPPET WRENCHES					908	29	3.25	1	4 4
30	8	.60	6	10	90	13	.42	12	2	908-B	29	3.00	1	4 4
31	8	.60	6	10	90-A	13	.42	12	2	909	29	2.35	1	3 10
32	8	.70	6	14	92	13	.45	12	3	909-B	29	2.25	1	3 10
33	8	.70	6	14	93	13	.50	12	4	910	29	2.25	1	3 1
33-A	8	.70	6	14	94	13	.58	12	4	910-B	29	2.10	1	3 1
33-B	8	.70	6	14	96	13	.80	12	7	TOOL KITS AND SETS				
33-C	8	.70	6	14	VALVE LIFTER					1980	30	1.10	Bulk	2 6
34	8	.85	6	1 4	600	15	.70	1	15	1981	30	1.45	Bulk	2 10
34-A	8	.85	6	1 4	END WRENCHES—CARBON STEEL					1982	30	1.55	Bulk	2 13
35	8	.85	6	1 4	721	8	.25	6	1	1983	30	1.85	Bulk	3 3
35-A	8	.85	6	1 4	722	8	.30	6	2	1992	30	1.25	Bulk	2 7
36	8	1.25	6	1 12	723	8	.30	6	2	2071	25	.62	Bulk	1 1
37	8	1.25	6	1 12	723-A	8	.30	6	2	2072	25	.95	Bulk	1 1
37-A	8	1.25	6	1 12	724	8	.35	6	3	2087	18	1.35	Bulk	2 15
38	8	1.85	6	2 10	725	8	.35	6	3	2109	30	1.25	Bulk	2 9
39	8	1.85	6	2 10	725-A	8	.35	6	3	2110	30	1.35	Bulk	2 12
39-A	8	1.85	6	2 10	725-B	8	.35	6	3	2111	30	1.55	Bulk	3 1
40	8	3.00	6	3 14	726	8	.40	6	5	2153	9	1.10	Bulk	2 12
41	8	3.00	6	3 14	727	8	.40	6	5	2198	25	.75	Bulk	1 1
75	10	.35	6	3	728	8	.50	6	7	2405	9	1.30	Bulk	2 12
75-A	10	.35	6	3	729	8	.50	6	7	2419	9	.95	Bulk	1 14
75-B	10	.35	6	3	730	8	.60	6	10	2451	9	1.12	Bulk	1 14
75-C	10	.35	6	3	730-A	8	.60	6	10	2488	9	1.10	Bulk	2 12
77	10	.45	6	4	731	8	.60	6	10	2531	13	1.90	Bulk	1
77-A	10	.45	6	4	731-A	8	.60	6	10	2593	12	1.85	Bulk	10
77-B	10	.45	6	4	731-B	8	.60	6	10	2821	11	3.67	Bulk	1 12
77-C	10	.45	6	4	732	8	.70	6	14	2823	11	4.87	Bulk	2 8
77-S	10	.45	6	4	732-A	8	.70	6	14	2831	11	1.59	Bulk	6
79	10	.55	6	7	733	8	.70	6	14	ASSORTMENTS				
79-A	10	.55	6	7	734	8	.85	6	1 4	ACC55	22	3.20	1	2 2
79-B	10	.55	6	7	735	8	.85	6	1 4	AKH53	15	2.10	1	1 1
79-C	10	.55	6	7	736	8	1.25	6	1 12	APA8	26	10.00	1	4 3
79-D	10	.55	6	7	737	8	1.25	6	1 12	ASR12	16	2.40	1	3
79-E	10	.55	6	7	738	8	1.85	6	2 10	ASUM12	17	3.96	1	1 2
79-S	10	.55	6	7	739	8	1.85	6	2 10	AUL54	22	3.30	1	2 7
81-A	10	.65	6	10	739-A	8	1.85	6	2 10					
81-B	10	.65	6	10										
81-C	10	.65	6	10										
81-D	10	.65	6	10										

Acc. # 5318

VLCHEK QUALITY TOOLS

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Catalog Number	Page	List Price	Units in Carton	Weight Each lbs. oz.	Catalog Number	Page	List Price	Units in Carton	Weight Each lbs. oz.	Catalog Number	Page	List Price	Units in Carton	Weight Each lbs. oz.
ASSORTMENTS (Cont'd.)					COLD CHISELS (Cont'd.)					BEARING SCRAPERS				
AUL55	22	\$4.65	1	3 14	CCV910	20	\$0.30	6	2	KH510	15	\$0.65	6	4
AUN56	22	3.15	1	1 4	CCV912	20	.32	6	3	KH511	15	.70	6	5
AUS55	22	3.05	1	1 13	CCV914	20	.37	6	4	KH513	15	.75	6	8
AWJ6	7	2.55	1	1 4	CCV916	20	.40	6	5	PLIERS				
AWM205	7	4.00	1	1 12	CCV920	20	.57	6	10	PA208	26	1.25	6	7
AWM206	7	4.20	1	1 13	CCV924	20	.72	6	14	PB206	26	.32	12	5
AWM208	7	5.65	1	2 13	CCV928	20	1.02	6	1 4	PB306	26	.57	6	5
AWM210	7	8.90	1	5 12	CCV932	20	1.30	6	1 11	PB906	26	.29	12	5
AWT206	13	3.45	1	1 8	DIAMOND POINT CHISELS					PF204	26	1.00	6	1 1/2
AWT208	13	4.70	1	2	CDV512	20	.52	6	3	PF209	26	1.60	6	8
DISPLAY BOARDS					CDV516	20	.62	6	5	PR206	26	.23	12	6
BZ14	12	63.72	1	37	CDV520	20	.80	6	9	PR208	26	.35	12	8
BZ15	12	57.34	1	50	CDV524	20	.97	6	14	PR305	26	.50	6	3
COLD CHISELS					CDV912	20	.42	6	3	PR306	26	.50	6	6
C1610	20	.80	6	9	CDV916	20	.52	6	5	PR308	26	.70	6	8
C1612	20	.85	6	11	CDV920	20	.70	6	9	PR310	26	1.05	6	15
C2012	20	1.10	6	1 1	CDV924	20	.87	6	14	PR906	26	.20	12	6
C2018	20	1.35	6	1 9	HALF ROUND NOSE CHISELS					PR908	26	.31	12	8
C2412	20	1.40	6	1 8	CHV512	20	.57	6	3	PS206	26	.29	12	5
C2418	20	1.90	6	2 5	CHV516	20	.67	6	6	PS306	26	.55	6	5
C2424	20	2.25	6	3 3	CHV524	20	1.05	6	15	PS906	26	.26	12	5
C3212	20	2.25	6	2 8	CHV912	20	.47	6	3	SCREW DRIVERS				
C3218	20	2.85	6	3 15	CHV916	20	.57	6	6	SA103	17	.52	6	2
C3224	20	3.35	6	5 5	CHV924	20	.95	6	15	SA104	17	.58	6	4
C4012	20	3.60	6	3 14	CAPE CHISELS					SA105	17	.70	6	7
C4018	20	4.35	6	6	CPC512	23	.42	6	3	SA106	17	.75	6	7
C4024	20	5.25	6	8 2	CPC516	23	.47	6	6	SA108	17	.95	6	10
CC1612	23	.55	Bulk	11	CPC520	23	.67	6	9	SA110	17	1.10	6	11
CC2012	23	.65	Bulk	1 1	CPC524	23	.85	6	15	SA112	17	1.20	6	12
CC2412	23	.85	Bulk	1 8	CPC912	23	.32	6	3	SDC509	17	.45	6	12
CC2418	23	1.05	Bulk	2 5	CPC916	23	.37	6	6	SDC909	17	.35	Bulk	12
CC2424	23	1.25	Bulk	3 3	CPC920	23	.55	6	9	SFC606	16	.37	6	2
CC2812	23	1.10	Bulk	2	CPC924	23	.67	6	15	SFC906	16	.35	6	2
CC2818	23	1.35	Bulk	3	CPV508	20	.55	6	1	SR103	16	.20	12	3
CC3212	23	1.15	Bulk	2 8	CPV510	20	.55	6	2	SR104	16	.20	12	4
CC3218	23	1.40	Bulk	3 15	CPV512	20	.55	6	3	SR106	16	.20	12	4
CC4012	23	1.85	Bulk	3 14	CPV516	20	.65	6	6	SS102	16	.22	6	2
CC4018	23	2.35	Bulk	6	CPV520	20	.90	6	9	SS103	16	.23	6	2
CC4024	23	2.85	Bulk	8 2	CPV524	20	1.10	6	15	SS104	16	.23	6	4
CCC508	23	.25	6	1	CPV908	20	.45	6	1	SS105	16	.27	6	5
CCC510	23	.25	6	2	CPV910	20	.45	6	2	SS106	16	.28	6	5
CCC512	23	.25	6	3	CPV912	20	.45	6	3	SS108	16	.37	6	6
CCC514	23	.30	6	4	CPV916	20	.55	6	6	SS110	16	.52	6	8
CCC516	23	.32	6	5	CPV920	20	.75	6	9	SS112	16	.65	6	10
CCC520	23	.42	6	10	CPV924	20	.90	6	15	SU304	17	.62	6	2
CCC524	23	.55	6	14	COTTER PIN EXTRACTORS					SU308	17	.70	6	4
CCC528	23	.72	6	1 4	EC6	15	.17	6	3	SU401	17	.70	6	2
CCC532	23	.95	6	1 11	EC9	15	.15	12	3	SU404	17	.90	6	4
CCC908	23	.17	6	1	HAMMERS					SU406	17	.95	6	5
CCC910	23	.17	6	2	H120	19	.95	6	1 1	SU506	17	1.15	6	7
CCC912	23	.17	6	3	HB504	19	1.00	6	8	SU508	17	1.20	6	8
CCC914	23	.20	6	4	HB508	19	1.00	6	13	SU608	17	1.35	6	9
CCC916	23	.22	6	5	HB512	19	1.00	6	1 3	SUM101	17	.31	6	1
CCC920	23	.30	6	10	HB516	19	1.05	6	1 8	SUM104	17	.35	6	1
CCC924	23	.40	6	14	HB524	19	1.25	6	2 3	TIRE TOOLS				
CCC928	23	.55	6	1 4	HB532	19	1.50	6	2 7	TC6	15	.45	Bulk	1 6
CCC932	23	.75	6	1 11	HB540	19	2.00	6	3 3	CENTER PUNCHES				
CCV508	20	.37	6	1	HB548	19	2.10	6	3 13	UCC510	23	.20	6	3
CCV510	20	.37	6	2	HL1	18	1.40	4	1 12	UCC512	23	.20	6	3
CCV512	20	.40	6	3	HL2	18	1.55	4	2	UCC514	23	.27	6	4
CCV514	20	.45	6	4	HS1	18	1.75	4	1 12	UCC516	23	.30	6	5
CCV516	20	.47	6	5	HS2	18	1.90	4	2	UCC910	23	.14	6	3
CCV520	20	.65	6	10						UCC912	23	.14	6	3
CCV524	20	.82	6	14						UCC914	23	.19	6	4
CCV528	20	1.12	6	1 4										
CCV532	20	1.40	6	1 11										
CCV908	20	.30	6	1										

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CENTER PUNCHES (Cont'd.)					PRICK PUNCHES					BOX WRENCHES (Cont'd.)				
UCC916	23	\$0.20	6	5	UPV510	21	\$0.30	6	2	WBA1214	11	\$0.60	6	2
UCV510	21	.31	6	3	UPV512	21	.30	6	2	WBA1618	11	.65	6	3
UCV512	21	.31	6	3	UPV514	21	.40	6	3	WBA2022	11	.70	6	5
UCV514	21	.40	6	4	UPV516	21	.45	6	5	WBA2425	11	.80	6	7
UCV516	21	.45	6	5	UPV910	21	.25	6	2	WBA2628	11	.92	6	10
UCV910	21	.27	6	3	UPV912	21	.25	6	2	WBA3032	11	1.20	6	13
UCV912	21	.27	6	3	UPV914	21	.35	6	3	WBC1214	11	.48	6	1
UCV914	21	.35	6	4	UPV916	21	.40	6	5	WBC1618	11	.53	6	2
UCV916	21	.40	6	5						WBC2022	11	.58	6	3
LONG TAPER PUNCHES					SOLID PUNCHES					IGNITION WRENCHES				
ULC510	24	.35	6	3	USC510	24	.20	6	2	WJ1315	7	.30	6	1/2
ULC512	24	.37	6	4	USC512	24	.20	6	2	WJ1416	7	.30	6	1/2
ULC514	24	.42	6	5	USC514	24	.27	6	3	WJ1820	7	.30	6	3/4
ULC516	24	.45	6	7	USC516	24	.30	6	5	WJ2224	7	.30	6	1
ULC520	24	.52	6	10	USC520	24	.42	6	8					
ULC910	24	.27	6	3	USC910	24	.14	6	2	SPARK PLUG WRENCHES				
ULC912	24	.30	6	4	USC912	24	.14	6	2	WUD627	14	.39	12	9
ULC914	24	.32	6	5	USC914	24	.19	6	3	WUD629	14	.39	12	9
ULC916	24	.35	6	7	USC916	24	.20	6	5	WUD631	14	.39	12	9
ULC920	24	.37	6	10	USC920	24	.30	6	8	WUD633	14	.39	12	9
ULV510	21	.42	6	3	USV510	21	.31	6	2	WUD633	14	.39	12	9
ULV512	21	.45	6	4	USV512	21	.31	6	2	WUD927	14	.34	12	9
ULV514	21	.55	6	5	USV514	21	.40	6	3	WUD929	14	.34	12	9
ULV516	21	.60	6	7	USV516	21	.45	6	5	WUD931	14	.34	12	9
ULV520	21	.72	6	10	USV520	21	.60	6	8	WUD933	14	.34	12	9
ULV524	21	1.05	6	1	USV524	21	.80	6	11					
ULV528	21	1.30	6	8	USV910	21	.27	6	2	MISCELLANEOUS				
ULV910	21	.35	6	3	USV912	21	.27	6	2	X40	14	.42	Bulk	14
ULV912	21	.40	6	4	USV914	21	.35	6	3	X41	14	.70	Bulk	1
ULV914	21	.47	6	5	USV916	21	.40	6	5	X45	19	1.12	Bulk	2
ULV916	21	.52	6	7	USV920	21	.55	6	8	X46	19	.54	Bulk	1
ULV920	21	.62	6	10	USV924	21	.72	6	11	X47	19	.64	Bulk	1
ULV924	21	.95	6	1						X48	19	.85	Bulk	1
ULV928	21	1.20	6	8						X50	19	.30	Bulk	13
PIN PUNCHES					END WRENCHES—ALLOY					X51	19	.33	Bulk	15
UNC503	24	.30	6	1	W1012	7	.40	6	1	X52	19	.48	Bulk	1
UNC504	24	.30	6	1	W1416	7	.45	6	2	X53	19	.77	Bulk	2
UNC505	24	.30	6	2	W1618	7	.50	6	3	X55	19	.27	Bulk	13
UNC506	24	.30	6	2	W1820	7	.55	6	4	X56	19	.30	Bulk	15
UNC507	24	.35	6	3	W1922	7	.60	6	5	X57	19	.45	Bulk	1
UNC508	24	.40	6	5	W2024	7	.60	6	5	X58	19	.73	Bulk	2
UNC510	24	.50	6	7	W2526	7	.80	6	9	X61	19	.51	Bulk	1
UNC512	24	.60	6	8	W2428	7	.80	6	10	X62	19	.61	Bulk	1
UNC903	24	.25	6	1	W3034	7	1.20	6	15	X63	19	.82	Bulk	1
UNC904	24	.25	6	1	W3236	7	2.00	6	1	X64	19	1.09	Bulk	2
UNC905	24	.25	6	2						X65	19	.58	Bulk	1
UNC906	24	.25	6	2	AUTO WRENCHES					X69	19	.62	Bulk	1
UNC907	24	.27	6	3	WA511S	14	1.60	6	1	X72	15	.40	Bulk	1
UNC908	24	.30	6	5	WA605	14	.43	6	5	X73	18	.75	Bulk	1
UNC910	24	.40	6	7	WA607	14	.43	6	8	X77	13	.60	Bulk	13
UNC912	24	.50	6	8	WA609	14	.43	6	14	X85	26	1.00	12	9
UNV503	21	.35	6	1	WA610	14	.55	6	1	X87	26	.67	12	1 1/2
UNV504	21	.35	6	1	WA611	14	.70	6	1	X130	16	.11	12	2
UNV505	21	.40	6	2	WA614	14	1.60	6	2	X140	16	.12	12	2
UNV506	21	.40	6	2	WA618	14	3.30	6	6	X141	16	.13	12	2
UNV507	21	.45	6	3	WA905	14	.35	Bulk	5	X142	16	.15	12	4
UNV508	21	.50	6	5	WA907	14	.35	Bulk	8	X143	16	.18	12	5
UNV510	21	.65	6	7	WA909	14	.35	Bulk	14	X172	17	.43	12	7
UNV512	21	.75	6	8	WA910	14	.45	Bulk	1	X173	17	.30	12	3
UNV903	21	.30	6	1	WA911	14	.58	Bulk	1	X179	16	.37	12	2
UNV904	21	.30	6	1	WA914	14	1.45	Bulk	2	X200	14	.70	Bulk	2
UNV905	21	.35	6	2	WA918	14	3.00	Bulk	6	X201	14	.75	Bulk	2
UNV906	21	.35	6	2	BOX WRENCHES					X202	14	.75	Bulk	2
UNV907	21	.40	6	3	WB1214	12	.55	6	2	X203	14	.90	Bulk	2
UNV908	21	.45	6	5	WB1618	12	.60	6	3					
UNV910	21	.60	6	7	WB1820	12	.65	6	5					
UNV912	21	.65	6	8	WB2024	12	.70	6	6					
					WB2224	12	.80	6	6					

Numerical Price List and Index—Continued

Catalog Number	Page	List Price	Units in Carton	Weight Each lbs. oz.	Catalog Number	Page	List Price	Units in Carton	Weight Each lbs. oz.	Catalog Number	Page	List Price	Units in Carton	Weight Each lbs. oz.
MISCELLANEOUS (Cont'd.)					MISCELLANEOUS (Cont'd.)					MISCELLANEOUS (Cont'd.)				
X225	26	\$0.62	12	7	X726	25	\$0.43	12	5	X2590	25	\$1.37	Bulk	1
X275	26	.62	12	10	X727	25	.43	12	6	X2591	25	.42	Bulk	10
X302	15	.35	Bulk	11	X730	25	.23	12	2	X2592	25	.60	Bulk	12
X500	11	.45	6	2	X732	25	.28	12	4	X2803	18	2.25	1	4
X501	11	.50	6	3	X740	25	.40	12	7	X2808	18	2.00	1	4
X502	11	.55	6	5	X741	25	.60	12	14	X2820	11	2.82	Bulk	1
X503	11	.60	6	7	X2160	9	.95	Bulk	2	X2822	11	3.77	Bulk	2
X504	11	.72	6	10	X2163	9	.60	Bulk	15	X2830	11	1.20	Bulk	6
X505	11	.95	6	13	X2166	9	.75	Bulk	1	XU90A	13	.29	12	2
X550	11	.35	12	1	X2509	9	.80	Bulk	1	XU92	13	.31	12	3
X551	11	.40	12	2	X2557	13	1.34	Bulk	1	XU93	13	.36	12	4
X552	11	.45	12	3	X2564	9	.72	Bulk	15	XU94	13	.42	12	4
X700	25	.28	12	3	X2567	9	.87	Bulk	1	VALVE LIFTERS				
X701	25	.35	12	5	X2570	10	1.60	Bulk	2	Z3505	15	6.00	1	4
X702	25	.45	12	9	X2571	9	1.13	Bulk	2	Z35051	15	1.25	6	3
X710	25	.23	12	2	X2572	9	.95	Bulk	1	Z35052	15	1.25	6	3
X711	25	.28	12	4	X2580	25	.52	Bulk	12	Z35053	15	1.50	6	3
X720	25	.23	12	2	X2588	25	.47	Bulk	10	Z35054	15	1.50	6	3
X725	25	.30	12	2	X2589	25	1.25	Bulk	12					

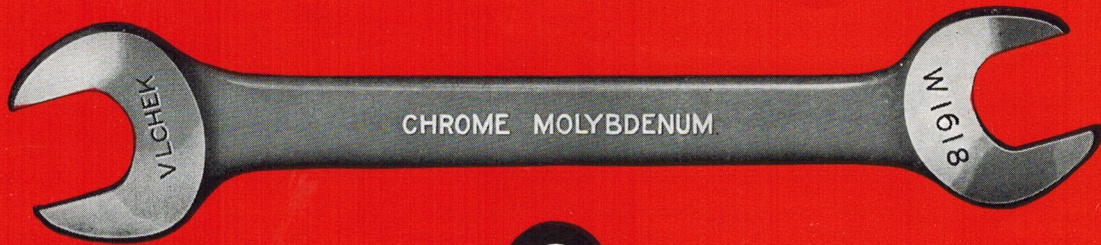
TABLE OF WRENCH OPENINGS FOR VARIOUS TYPES OF BOLTS AND NUTS

This table will be found helpful when selecting the proper size wrenches for various types of bolts and nuts up to 1 1/16" opening. It gives full data on American Standard Sizes, which are gradually replacing the USS and SAE Standards, and also latest standards for Cap Screw Sizes, which are universally adopted by all important bolt manufacturers.

Nominal Wrench Opening	AMERICAN STANDARD						7 USS Nuts and Bolt Heads	8* SAE Nuts Plain, Jam & Castellated	Nominal Wrench Opening
	1 Rough Semi-Fin. & Finished Square & Hex. Reg. & Jam Nuts	2 Hexagon Light Nuts	3 Hexagon Castellated Nuts	4 Hexagon Head Cap Screws	5 Rough & Semi-Finished Square & Hex. Reg. Bolt Heads	6 Finished Square & Hex. Bolt Heads			
5/16					1/4				5/16
3/8									3/8
13/32									13/32
7/16	1/4	1/4	1/4	1/4		1/4		1/4	7/16
1/2		5/16	5/16	5/16	5/16		1/4	5/16	1/2
9/16	5/16	3/8	3/8	3/8	3/8	5/16	5/16	3/8	9/16
19/32									19/32
5/8	3/8	7/16	7/16	7/16	7/16	3/8	5/16	7/16	5/8
11/16	7/16	1/2	1/2	1/2	1/2	7/16	3/8	1/2	11/16
3/4									3/4
25/32							7/16		25/32
13/16	1/2			9/16		1/2			13/16
7/8	9/16		9/16	5/8	9/16	9/16	1/2	9/16	7/8
15/16					5/8	5/8		5/8	15/16
31/32							7/16		31/32
1	5/8		5/8	3/4					1
1 1/16							5/8	3/4	1 1/16
1 1/8	3/4		3/4	7/8	3/4	3/4		7/8	1 1/8
1 1/4							3/4		1 1/4
1 1/2	7/8		7/8	1	7/8	7/8			1 1/2
1 5/8							7/8	1	1 5/8
1 3/4	1		1	1 1/8	1	1		1 1/8	1 3/4
1 7/8							1		1 7/8
2	1 1/8		1 1/8	1 1/4	1 1/8	1 1/8			2

*Recent SAE Specifications have replaced SAE Standards, as shown in Column 8, by American Standards, using Light Nuts, as per Column 2, for sizes up to and including 1/2", and Regular Nuts, as per Column 1, from 9/16" up, as shown in Bold Type.

VLCHEK QUALITY OPEN END WRENCHES



The Mechanic's

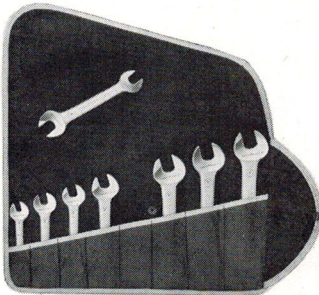


Double End Wrench

Narrow Streamline Jaws—Hard but TOUGH

Bright Plated Finish—Buffed Heads

Designed for discriminating mechanics,—maximum strength with minimum bulk. Every head designed for one particular opening—gets into those tight places. Highest grade alloy steel,—no better wrench was ever made.

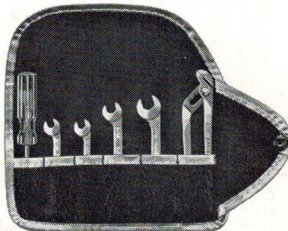


Catalog Number	Size of Openings	Extreme Length	Thickness of Head	Standard Package	Weight Each Lbs. oz.	List Price
W1012	5/16—3/8	4 3/4	3/16	6	1	\$0.40
W1416	7/16—1/2	5 1/4	15/16	6	2	.45
W1618	1/2—9/16	5 3/4	1/4	6	3	.50
W1820	9/16—5/8	6 1/2	9/32	6	4	.55
W1922	19/32—11/16	7 3/4	5/16	6	5	.60
W2024	5/8—3/4	7 3/4	5/16	6	5	.60
W2526	25/32—13/16	9 1/4	3/8	6	9	.80
W2428	3/4—7/8	9 1/4	3/8	6	10	.80
W3034	15/16—1 1/16	10 3/4	7/16	6	15	1.20
W3236	1—1 1/8	12 1/4	1/2	6	1 8	2.00

See wrench selection table on page 6.

OPEN END WRENCH SETS

Catalog Number	Number Pieces in Set	Wrench Numbers in Set				
AWM205	5	W1416, W1820, W1922, W2526, W2428	1	1	12	4.00
AWM206	6	W1012, W1416, W1618, W1820, W2024, W2428	1	1	13	4.20
AWM208	8	W1012, W1416, W1618, W1820, W1922, W2024, W2526, W2428	1	2	13	5.65
AWM210	10	W1012, W1416, W1618, W1820, W1922, W2024, W2526, W2428, W3034, W3236	1	5	12	8.90



NEW IGNITION WRENCHES

Here is a dandy set of real ignition wrenches. These little tools have oval bars, parabolic heads, and all the refinements of design common to the larger wrenches. The set consists of one each of the ignition wrenches listed in the following table, one ignition plier X87 and one midjet Super Alloy Screw Driver SUM101, all packed in a high grade leatherette case.

AWJ6 Six Piece Ignition Wrench Set

1 4 2.55

INDIVIDUAL IGNITION WRENCHES

Carbon Steel
Case Hardened—
Satin Smooth
Bright Plated
Finish

Catalog Number	Size of Openings Inches	Length Inches	Thickness of Heads Inches			
WJ1315	13/64—15/64	3	3/32	6	1/2	.30
WJ1416	7/32—1/4	3	3/32	6	1/2	.30
WJ1820	9/32—5/16	3 1/2	1/8	6	3/4	.30
WJ2224	11/32—3/8	3 3/4	1/8	6	1	.30

VLCHEK PARABOLIC ENGINEERS' WRENCHES



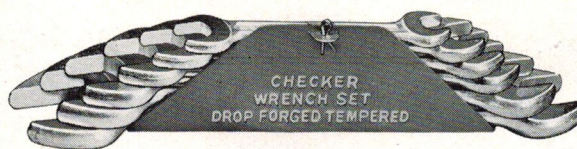
Drop Forged—Carbon Steel
15° Angle-Parabolic Heads
Jappanned—Polished Heads

Wrench Number	Size of Openings Inches	Extreme Length Inches	Thickness of Heads Inches	Standard Package	Weight Each lbs. oz.	List Price
21-S	$\frac{1}{4}$ — $\frac{5}{16}$	3	$\frac{1}{8}$	6	$\frac{1}{2}$	\$0.25
721	$\frac{5}{16}$ — $\frac{3}{8}$	$3\frac{3}{4}$	$\frac{3}{16}$	6	1	.25
21	$\frac{5}{16}$ — $\frac{13}{32}$	$3\frac{3}{4}$	$\frac{3}{16}$	6	1	.25
722	$\frac{5}{16}$ — $\frac{7}{16}$	$4\frac{1}{8}$	$\frac{1}{4}$	6	2	.30
22	$\frac{5}{16}$ — $\frac{1}{2}$	$4\frac{1}{8}$	$\frac{1}{4}$	6	2	.30
723	$\frac{3}{8}$ — $\frac{7}{16}$	$4\frac{1}{8}$	$\frac{1}{4}$	6	2	.30
723-A	$\frac{3}{8}$ — $\frac{1}{2}$	$4\frac{1}{8}$	$\frac{1}{4}$	6	2	.30
23	$\frac{13}{32}$ — $\frac{1}{2}$	$4\frac{1}{8}$	$\frac{1}{4}$	6	2	.30
724	$\frac{3}{8}$ — $\frac{9}{16}$	5	$\frac{9}{32}$	6	3	.35
24	$\frac{13}{32}$ — $\frac{19}{32}$	5	$\frac{9}{32}$	6	3	.35
725	$\frac{7}{16}$ — $\frac{1}{2}$	5	$\frac{9}{32}$	6	3	.35
725-A	$\frac{7}{16}$ — $\frac{9}{16}$	5	$\frac{9}{32}$	6	3	.35
725-B	$\frac{1}{2}$ — $\frac{9}{16}$	5	$\frac{9}{32}$	6	3	.35
25	$\frac{1}{2}$ — $\frac{19}{32}$	5	$\frac{9}{32}$	6	3	.35
726	$\frac{1}{2}$ — $\frac{5}{8}$	6	$\frac{5}{16}$	6	5	.40
26	$\frac{1}{2}$ — $\frac{11}{16}$	6	$\frac{5}{16}$	6	5	.40
727	$\frac{9}{16}$ — $\frac{5}{8}$	6	$\frac{5}{16}$	6	5	.40
27-C	$\frac{9}{16}$ — $\frac{11}{16}$	6	$\frac{5}{16}$	6	5	.40
27	$\frac{19}{32}$ — $\frac{11}{16}$	6	$\frac{5}{16}$	6	5	.40
728	$\frac{9}{16}$ — $\frac{3}{4}$	$7\frac{1}{8}$	$\frac{11}{32}$	6	7	.50
28	$\frac{19}{32}$ — $\frac{25}{32}$	$7\frac{1}{8}$	$\frac{11}{32}$	6	7	.50
729	$\frac{5}{8}$ — $\frac{3}{4}$	$7\frac{1}{8}$	$\frac{11}{32}$	6	7	.50
28-S	$\frac{5}{8}$ — $\frac{25}{32}$	$7\frac{1}{8}$	$\frac{11}{32}$	6	7	.50
29	$\frac{11}{16}$ — $\frac{25}{32}$	$7\frac{1}{8}$	$\frac{11}{32}$	6	7	.50
730	$\frac{5}{8}$ — $\frac{13}{16}$	8	$\frac{13}{32}$	6	10	.60
730-A	$\frac{5}{8}$ — $\frac{7}{8}$	8	$\frac{13}{32}$	6	10	.60
30	$\frac{11}{16}$ — $\frac{7}{8}$	8	$\frac{13}{32}$	6	10	.60
731	$\frac{3}{4}$ — $\frac{13}{16}$	8	$\frac{13}{32}$	6	10	.60
731-A	$\frac{3}{4}$ — $\frac{7}{8}$	8	$\frac{13}{32}$	6	10	.60
31	$\frac{25}{32}$ — $\frac{7}{8}$	8	$\frac{13}{32}$	6	10	.60
731-B	$\frac{13}{16}$ — $\frac{7}{8}$	8	$\frac{13}{32}$	6	10	.60
732-A	$\frac{3}{4}$ —1	9	$\frac{7}{16}$	6	14	.70
32	$\frac{25}{32}$ — $\frac{31}{32}$	9	$\frac{7}{16}$	6	14	.70
33-B	$\frac{13}{16}$ — $\frac{15}{16}$	9	$\frac{7}{16}$	6	14	.70
732	$\frac{13}{16}$ —1	9	$\frac{7}{16}$	6	14	.70
33-A	$\frac{7}{8}$ — $\frac{15}{16}$	9	$\frac{7}{16}$	6	14	.70
33	$\frac{7}{8}$ — $\frac{31}{32}$	9	$\frac{7}{16}$	6	14	.70
733	$\frac{7}{8}$ —1	9	$\frac{7}{16}$	6	14	.70
33-C	$\frac{15}{16}$ —1	9	$\frac{7}{16}$	6	14	.70
34	$\frac{7}{8}$ — $\frac{11}{16}$	10	$\frac{1}{2}$	6	1 4	.85
734	$\frac{7}{8}$ — $\frac{11}{8}$	10	$\frac{1}{2}$	6	1 4	.85
34-A	$\frac{15}{16}$ — $\frac{11}{16}$	10	$\frac{1}{2}$	6	1 4	.85
35-A	$\frac{15}{16}$ — $\frac{11}{8}$	10	$\frac{1}{2}$	6	1 4	.85
35	$\frac{31}{32}$ — $\frac{11}{16}$	10	$\frac{1}{2}$	6	1 4	.85
735	1— $\frac{11}{8}$	10	$\frac{1}{2}$	6	1 4	.85
36	$\frac{31}{32}$ — $\frac{1}{4}$	12	$\frac{9}{16}$	6	1 12	1.25
736	1— $\frac{1}{4}$	12	$\frac{9}{16}$	6	1 12	1.25
37	$\frac{11}{16}$ — $\frac{1}{4}$	12	$\frac{9}{16}$	6	1 12	1.25
737	$\frac{11}{8}$ — $\frac{1}{4}$	12	$\frac{9}{16}$	6	1 12	1.25
37-A	$\frac{11}{8}$ — $\frac{5}{16}$	12	$\frac{9}{16}$	6	1 12	1.25
38	$\frac{11}{16}$ — $\frac{7}{16}$	$13\frac{1}{2}$	$\frac{21}{32}$	6	2 10	1.85
738	$\frac{11}{8}$ — $\frac{3}{8}$	$13\frac{1}{2}$	$\frac{21}{32}$	6	2 10	1.85
739	$\frac{1}{4}$ — $\frac{3}{8}$	$13\frac{1}{2}$	$\frac{21}{32}$	6	2 10	1.85
39	$\frac{1}{4}$ — $\frac{7}{16}$	$13\frac{1}{2}$	$\frac{21}{32}$	6	2 10	1.85
739-A	$\frac{1}{4}$ — $\frac{1}{2}$	$13\frac{1}{2}$	$\frac{21}{32}$	6	2 10	1.85
39-A	$\frac{1}{5}$ — $\frac{1}{2}$	$13\frac{1}{2}$	$\frac{21}{32}$	6	2 10	1.85
739-B	$\frac{1}{8}$ — $\frac{1}{2}$	$13\frac{1}{2}$	$\frac{21}{32}$	6	2 10	1.85
40	$\frac{1}{4}$ — $\frac{5}{8}$	$15\frac{1}{2}$	$\frac{3}{4}$	6	3 14	3.00
41	$\frac{1}{16}$ — $\frac{5}{8}$	$15\frac{1}{2}$	$\frac{3}{4}$	6	3 14	3.00
741	$\frac{1}{2}$ — $\frac{11}{16}$	$15\frac{1}{2}$	$\frac{3}{4}$	6	3 14	3.00

See Wrench Selection Table on Page 6. Numbers shown in red are recommended.

VLCHEK—THE ORIGINAL WRENCH SET

PANEL BAR WRENCH SETS



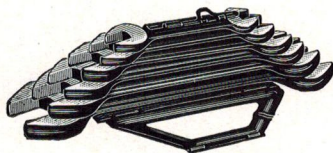
IN HINGED CONTAINERS

DROP FORGED—TEMPERED

Streamlined Wrenches—The best designed carbon steel wrench on the market. Hinged container attractively enameled. Twelve different openings in every six piece set; ten different openings in five piece sets; sizes marked on each wrench. Offered in two finishes, natural black, and Velco White Rust Proof (cadmium plated finish).

	Standard Package	Weight Each lbs. oz.	List Price
Large 6 Piece Set —12 openings $\frac{3}{8}$ ", $\frac{7}{16}$ ", $\frac{1}{2}$ ", $\frac{9}{16}$ ", $\frac{19}{32}$ ", $\frac{5}{8}$ ", $\frac{11}{16}$ ", $\frac{3}{4}$ ", $\frac{25}{32}$ ", $\frac{13}{16}$ ", $\frac{7}{8}$ ", $\frac{15}{16}$ ".			
No. X2571—Wrench Sizes 23 to 33—Velco White Rust Proof Finish	Bulk	2 1	\$1.13
No. X2160—Wrench Sizes 23 to 33—Natural Black Finish	Bulk	2 1	.95
Small 6 Piece Set —12 openings $\frac{5}{16}$ ", $\frac{3}{8}$ ", $\frac{13}{32}$ ", $\frac{7}{16}$ ", $\frac{1}{2}$ ", $\frac{9}{16}$ ", $\frac{19}{32}$ ", $\frac{5}{8}$ ", $\frac{11}{16}$ ", $\frac{3}{4}$ ", $\frac{25}{32}$ ", $\frac{7}{8}$ ".			
No. X2572—Wrench Sizes 21 to 31—Velco White Rust Proof Finish	Bulk	1 8	.95
No. X2509—Wrench Sizes 21 to 31—Natural Black Finish	Bulk	1 8	.80
Large 5 Piece Set —10 openings $\frac{3}{8}$ ", $\frac{7}{16}$ ", $\frac{1}{2}$ ", $\frac{9}{16}$ ", $\frac{19}{32}$ ", $\frac{5}{8}$ ", $\frac{11}{16}$ ", $\frac{3}{4}$ ", $\frac{25}{32}$ ", $\frac{7}{8}$ ".			
No. X2567—Wrench Sizes 23 to 31—Velco White Rust Proof Finish	Bulk	1 7	.87
No. X2166—Wrench Sizes 23 to 31—Natural Black Finish	Bulk	1 7	.75
Small 5 Piece Set —10 openings $\frac{5}{16}$ ", $\frac{3}{8}$ ", $\frac{13}{32}$ ", $\frac{7}{16}$ ", $\frac{1}{2}$ ", $\frac{9}{16}$ ", $\frac{19}{32}$ ", $\frac{5}{8}$ ", $\frac{11}{16}$ ", $\frac{3}{4}$ ".			
No. X2564—Wrench Sizes 21 to 29—Velco White Rust Proof Finish	Bulk	15	.72
No. X2163—Wrench Sizes 21 to 29—Natural Black Finish	Bulk	15	.60

THE ORIGINAL "FITZ-ALL" WRENCH SETS



Drop Forged—Carbon Steel—Tempered—Parabolic Heads—Hinged Container with Positive Lock—Sizes marked on Velco finished wrenches.

Large 6 Piece Set —12 openings $\frac{3}{8}$ ", $\frac{7}{16}$ ", $\frac{1}{2}$ ", $\frac{9}{16}$ ", $\frac{19}{32}$ ", $\frac{5}{8}$ ", $\frac{11}{16}$ ", $\frac{3}{4}$ ", $\frac{25}{32}$ ", $\frac{13}{16}$ ", $\frac{7}{8}$ ", $\frac{15}{16}$ ".			
No. 2405—Wrench Sizes 23 to 33-B—Velco Rust Proof Finish	Bulk	2 12	1.30
No. 2153—Wrench Sizes 23 to 33-B—Natural Black Finish	Bulk	2 12	1.10
Extra Large 6 Piece Set —12 openings $\frac{3}{8}$ ", $\frac{7}{16}$ ", $\frac{1}{2}$ ", $\frac{9}{16}$ ", $\frac{19}{32}$ ", $\frac{5}{8}$ ", $\frac{11}{16}$ ", $\frac{3}{4}$ ", $\frac{25}{32}$ ", $\frac{13}{16}$ ", $\frac{7}{8}$ ", $\frac{15}{16}$ ", 1".			
No. 2488—Wrench Sizes 23 to 33-C—Natural Black Finish	Bulk	2 12	1.10
Small 6 Piece Set —12 openings $\frac{5}{16}$ ", $\frac{3}{8}$ ", $\frac{13}{32}$ ", $\frac{7}{16}$ ", $\frac{1}{2}$ ", $\frac{9}{16}$ ", $\frac{19}{32}$ ", $\frac{5}{8}$ ", $\frac{11}{16}$ ", $\frac{3}{4}$ ", $\frac{25}{32}$ ", $\frac{7}{8}$ ".			
No. 2451—Wrench Sizes 21 to 31—Velco Rust Proof Finish	Bulk	1 14	1.12
No. 2419—Wrench Sizes 21 to 31—Natural Black Finish	Bulk	1 14	.95

VLCHEK LIGHT SERVICE WRENCHES



22½° Angle S Type Drop
Forged—Tempered Japanned
—Polished Heads

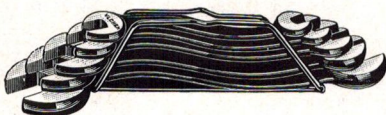
Numbers shown in RED are recommended sizes.

Wrench Numbers	Size of Openings Inches	Extreme Length Inches	Thickness of Heads Inches	Standard Package	Weight Each lbs. oz.	List Price
75-C	¼ — 5/16	6¼	¼	6	3	\$0.35
75-B	3/8 — 7/16	6¼	¼	6	3	.35
75-A	3/8 — 1/2	6¼	¼	6	3	.35
75	13/32 — 1/2	6¼	¼	6	3	.35
77-S	7/16 — 1/2	7 1/8	9/32	6	4	.45
77-C	7/16 — 9/16	7 1/8	9/32	6	4	.45
77-B	1/2 — 9/16	7 1/8	9/32	6	4	.45
77-A	1/2 — 19/32	7 1/8	9/32	6	4	.45
77	1/2 — 5/8	7 1/8	9/32	6	4	.45
79-B	9/16 — 19/32	8 1/4	5/16	6	7	.55
79-S	9/16 — 5/8	8 1/4	5/16	6	7	.55
79-A	9/16 — 11/16	8 1/4	5/16	6	7	.55
79-E	9/16 — 3/4	8 1/4	5/16	6	7	.55
79-D	19/32 — 11/16	8 1/4	5/16	6	7	.55
79	5/8 — 11/16	8 1/4	5/16	6	7	.55
79-C	5/8 — 3/4	8 1/4	5/16	6	7	.55
81-E	5/8 — 7/8	9 1/4	3/8	6	10	.65
81-C	11/16 — 3/4	9 1/4	3/8	6	10	.65
81-B	3/4 — 13/16	9 1/4	3/8	6	10	.65
81-A	3/4 — 7/8	9 1/4	3/8	6	10	.65
81-D	25/32 — 7/8	9 1/4	3/8	6	10	.65
83-D	7/8 — 15/16	10 3/8	7/16	6	1	.80
83-B	7/8 — 1	10 3/8	7/16	6	1	.80
83-C	7/8 — 1 1/16	10 3/8	7/16	6	1	.80
83-A	15/16 — 1	10 3/8	7/16	6	1	.80
83-E	15/16 — 1 1/16	10 3/8	7/16	6	1	.80
85	1 — 1 1/8	12	1/2	6	1 9	1.25
85-A	1 — 1 1/4	12	1/2	6	1 9	1.25
85-C	1 1/16 — 1 1/4	12	1/2	6	1 9	1.25
85-B	1 1/8 — 1 1/4	12	1/2	6	1 9	1.25
85-D	1 1/8 — 1 5/16	12	1/2	6	1 9	1.25

SEE WRENCH SELECTION TABLE ON PAGE 6

STAR "S" WRENCH SET

A popular set on the farm and useful everywhere

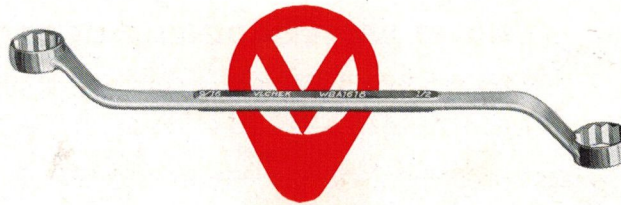


Contains Nos.
75-B, 77-B, 79, 81-B, 83-B

Five Wrenches in a spring clip container, 10 openings 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 1".

No. 2087—Wrench Set—Natural Black Finish.....	Bulk	2	15	1.35
No. X2570—Wrench Set—Cadmium Plated, Japanned Holder.....	Bulk	2	15	1.60

VLCHEK QUALITY BOX WRENCHES

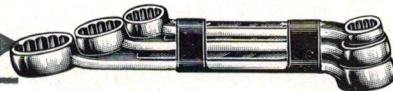


LONG PATTERN 45° DOUBLE OFFSET BOX WRENCHES

CHROME MOLY STEEL—TWELVE POINT OPENINGS

Finest design in this popular pattern. Flat slender bars—thin walls—exceptional heel clearance. Six popular sizes. Two finishes—bright plated with buffed pads and heads and cadmium plated unpolished.

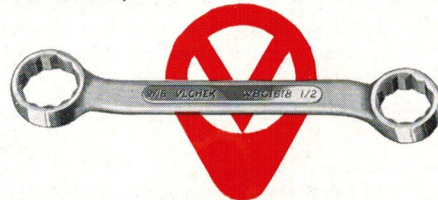
Wrench Number	Size of Openings Inches	Extreme Length Inches	Finish	Standard Package	Weight Each lbs. oz.	List Price
WBA1214	$\frac{3}{8}$ — $\frac{7}{16}$	$7\frac{3}{8}$	Bright Plated, Buffed Heads.....	6	2	\$0.60
WBA1618	$\frac{1}{2}$ — $\frac{9}{16}$	$8\frac{1}{2}$	Bright Plated, Buffed Heads.....	6	3	.65
WBA2022	$\frac{5}{8}$ — $\frac{11}{16}$	$9\frac{3}{4}$	Bright Plated, Buffed Heads.....	6	5	.70
WBA2425	$\frac{3}{4}$ — $\frac{25}{32}$	11	Bright Plated, Buffed Heads.....	6	7	.80
WBA2628	$\frac{13}{16}$ — $\frac{7}{8}$	$12\frac{5}{8}$	Bright Plated, Buffed Heads.....	6	10	.92
WBA3032	$\frac{15}{16}$ —1	$14\frac{1}{2}$	Bright Plated, Buffed Heads.....	6	13	1.20
X500	$\frac{3}{8}$ — $\frac{7}{16}$	$7\frac{3}{8}$	Cadmium Plated.....	6	2	.45
X501	$\frac{1}{2}$ — $\frac{9}{16}$	$8\frac{1}{2}$	Cadmium Plated.....	6	3	.50
X502	$\frac{5}{8}$ — $\frac{11}{16}$	$9\frac{3}{4}$	Cadmium Plated.....	6	5	.55
X503	$\frac{3}{4}$ — $\frac{25}{32}$	11	Cadmium Plated.....	6	7	.60
X504	$\frac{13}{16}$ — $\frac{7}{8}$	$12\frac{5}{8}$	Cadmium Plated.....	6	10	.72
X505	$\frac{15}{16}$ —1	$14\frac{1}{2}$	Cadmium Plated.....	6	13	.95



BOX WRENCH SETS

Packed in metal band containers for attractive display.

No. 2823—Six Piece Set, Nos. WBA1214 to WBA3032.....	Bulk	2	8	4.87
No. 2821—Five Piece Set, Nos. WBA1214 to WBA2628.....	Bulk	1	12	3.67
No. X2822—Six Piece Set, Nos. X500 to X505.....	Bulk	2	8	3.77
No. X2820—Five Piece Set, Nos. X500 to X504.....	Bulk	1	12	2.82

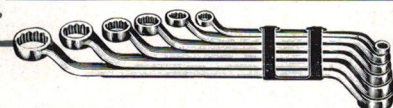


SHORT PATTERN 10° DOUBLE END BOX WRENCHES

CHROME MOLY STEEL—TWELVE POINT OPENINGS

Best design. Flat slender bars, thin walls and heel clearance, which is so often lacking in this pattern wrench.

Wrench Number	Size of Openings Inches	Extreme Length Inches	Finish			
WBC1214	$\frac{3}{8}$ — $\frac{7}{16}$	4	Bright Plated, Buffed Heads.....	6	1	.48
WBC1618	$\frac{1}{2}$ — $\frac{9}{16}$	$4\frac{7}{8}$	Bright Plated, Buffed Heads.....	6	2	.53
WBC2022	$\frac{5}{8}$ — $\frac{11}{16}$	$5\frac{7}{8}$	Bright Plated, Buffed Heads.....	6	3	.58
X550	$\frac{3}{8}$ — $\frac{7}{16}$	4	Cadmium Plated.....	12	1	.35
X551	$\frac{1}{2}$ — $\frac{9}{16}$	$4\frac{7}{8}$	Cadmium Plated.....	12	2	.40
X552	$\frac{5}{8}$ — $\frac{11}{16}$	$5\frac{7}{8}$	Cadmium Plated.....	12	3	.45



BOX WRENCH SETS

Packed in metal band containers for attractive display.

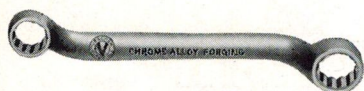
No. 2831—Three Piece Set, Nos. WBC1214 to WBC2022.....	Bulk	6	1.59
No. X2830—Three Piece Set, Nos. X550 to X552.....	Bulk	6	1.20

NOTE: BOX WRENCH ILLUSTRATIONS
TRANSPPOSED IN PRINTING

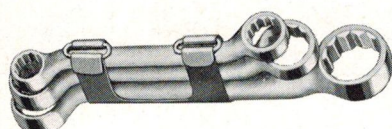
VLCHEK QUALITY BOX WRENCHES

SHORT PATTERN DOUBLE OFFSET BOX WRENCHES

Standard pattern, round bar. Twelve point openings, thin walls. Finest alloy steel. Bright plated finish.



Wrench Number	Size of Openings Inches	Extreme Length Inches	Standard Package	Weight Each lbs. oz.	List Price
WB1214	$\frac{3}{8}$ — $\frac{7}{16}$	$4\frac{3}{4}$	6	2	\$0.55
WB1618	$\frac{1}{2}$ — $\frac{9}{16}$	$5\frac{1}{4}$	6	3	.60
WB1820	$\frac{9}{16}$ — $\frac{5}{8}$	$5\frac{3}{4}$	6	5	.65
WB2024	$\frac{5}{8}$ — $\frac{3}{4}$	$6\frac{1}{4}$	6	6	.70
WB2224	$\frac{11}{16}$ — $\frac{3}{4}$	$6\frac{1}{2}$	6	6	.80



BOX WRENCH SET

Three piece set in metal band container.
No. 2593—Set contains WB1214, WB1618, WB2024

Bulk 10 1.85

HALF MOON BOX WRENCH

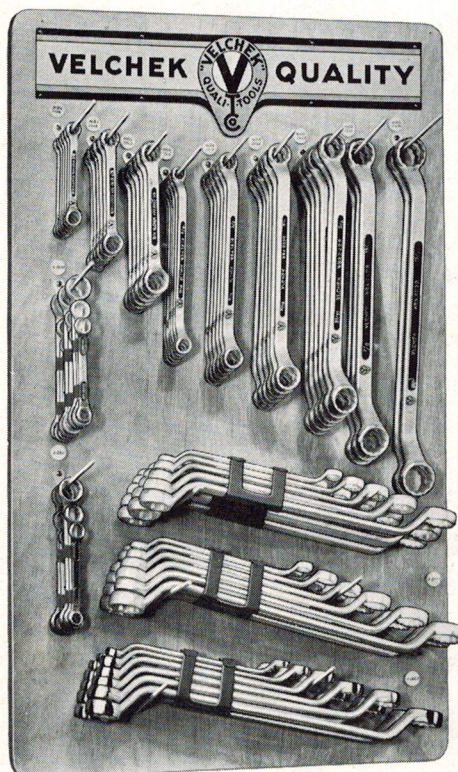
Very useful on starters, manifolds, exhaust flange union nuts. Reaches around corners and the thin heads get into places where an ordinary wrench will not go. Chrome moly steel. Twelve point openings $\frac{9}{16}$ " and $\frac{5}{8}$ ".



WBM1820 Half Moon Box Wrench 6 5 .90

DISPLAY BOARD ASSORTMENTS

Many an extra sale is made as a result of an eye-catching merchandise display. These attractive display boards will help you sell Vlchek wrenches. Remember—tools well displayed are tools half sold. The boards, 18" x 30", come free with the following assortments:



BZ14 Assortment Contains: Box Wrenches

6 only.....	WBA1214
6 only.....	WBA1618
6 only.....	WBA2022
6 only.....	WBA2425
3 only.....	WBA2628
2 only.....	WBA3032
6 only.....	WBC1214
6 only.....	WBC1618
6 only.....	WBC2022

Box Wrench Sets

2 only.....	2823
3 only.....	X2820
2 only.....	X2822
3 only.....	X2830
2 only.....	2831

Weight Each 37 lbs.

BZ14—Assortment... \$63.72

BZ15 Assortment Contains: Mechanics Wrenches

6 only.....	W1012
6 only.....	W1416
6 only.....	W1618
6 only.....	W1820
6 only.....	W1922
6 only.....	W2024
3 only.....	W2526
3 only.....	W2428
2 only.....	W3034
2 only.....	W3236

Tappet Wrenches

6 only.....	90-A
6 only.....	92
6 only.....	93
3 only.....	94

Wrench Sets

2 only.....	2531
2 only.....	X2557
6 only.....	X2571
6 only.....	X2564

Weight Each 50 lbs.

BZ15—Assortment... \$57.34

VLCHEK QUALITY TAPPET WRENCHES



CHROME MOLY

TAPPET WRENCHES

Finest alloy steel wrenches, correctly designed. Made in two finishes—bright plated with heads polished and buffed and a cheaper finish, equally serviceable,—cadmium plated, unpolished.

Wrench Number	Finish	Openings Milled Inches	Extreme Length Inches	Thickness of Head Inches	Standard Package	Weight Each lbs. oz.	List Price
90	Bright Plated, Buffed Heads.....	$\frac{7}{16}$ — $\frac{1}{2}$	$8\frac{1}{8}$	$\frac{5}{32}$	12	2	\$0.42
90-A	Bright Plated, Buffed Heads.....	$\frac{7}{16}$ — $\frac{17}{32}$	$8\frac{1}{8}$	$\frac{5}{32}$	12	2	.42
92	Bright Plated, Buffed Heads.....	$\frac{1}{2}$ — $\frac{9}{16}$	$8\frac{1}{8}$	$\frac{3}{16}$	12	3	.45
93	Bright Plated, Buffed Heads.....	$\frac{5}{8}$ — $\frac{11}{16}$	$8\frac{1}{8}$	$\frac{13}{64}$	12	4	.50
94	Bright Plated, Buffed Heads.....	$\frac{3}{4}$ — $\frac{7}{8}$	$8\frac{1}{8}$	$\frac{13}{64}$	12	4	.58
96	Bright Plated, Buffed Heads.....	$\frac{15}{16}$ —1	$9\frac{1}{4}$	$\frac{7}{32}$	12	7	.80
XU90-A	Cadmium Plated.....	$\frac{7}{16}$ — $\frac{17}{32}$	$8\frac{1}{8}$	$\frac{5}{32}$	12	2	.29
XU92	Cadmium Plated.....	$\frac{1}{2}$ — $\frac{9}{16}$	$8\frac{1}{8}$	$\frac{3}{16}$	12	3	.31
XU93	Cadmium Plated.....	$\frac{5}{8}$ — $\frac{11}{16}$	$8\frac{1}{8}$	$\frac{13}{64}$	12	4	.36
XU94	Cadmium Plated.....	$\frac{3}{4}$ — $\frac{7}{8}$	$8\frac{1}{8}$	$\frac{13}{64}$	12	4	.42

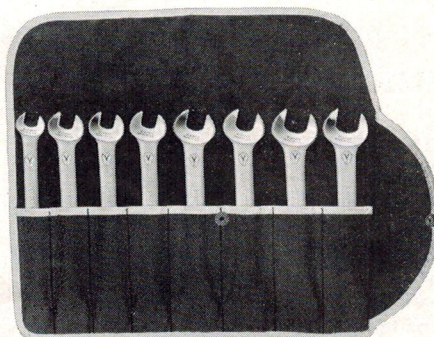
FOUR PIECE TAPPET WRENCH SET

In metal band container



Most popular tappet wrench set on the market. Contains the most necessary wrenches—sufficient to adjust tappets on most cars. The set consists of two No. 92 and two No. 93 wrenches.

No. 2531—Tappet Wrench Set. Bright Plated, Buffed Heads	Bulk	1	1.90
No. X2557—Tappet Wrench Set. Cadmium Plated	Bulk	1	1.34



EIGHT PIECE TAPPET WRENCH SET

The most useful assortment of Tappet Wrenches on the market. Consists of one 90-A, three 92, two 93, and two 94, in high grade leatherette roll.

AWT208 8 Piece Set	1	2	4.70
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We also offer a six piece set consisting of one 90, one 90A, two 92, and two 93 wrenches in high grade leatherette roll.

AWT206 6 Piece Set	1	1	8	3.45
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BRAKE WRENCH FOR FORD CARS

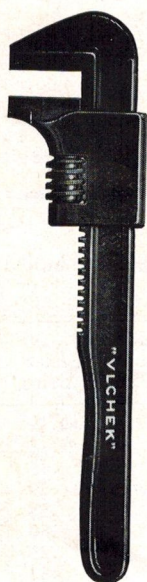


Forged from special analysis carbon steel. $\frac{7}{16}$ " and $\frac{1}{2}$ " eight point openings. Finished in bright aluminum lacquer.

No. X77—Brake Wrench for Ford Cars	Bulk	13	.60
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VLCHEK POPULAR AUTOMOBILE WRENCHES

Forged AUTOMOBILE WRENCHES Open Hearth Steel



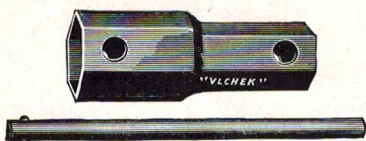
Catalog Number	Finish	Overall Length Inches	Jaws Open Inches	Standard Package	Weight Each lbs. oz.	List Price
WA605	Baked Black Enamel.....	5	1 1/4	6	5	\$0.43
WA607	Baked Black Enamel.....	7	1 1/2	6	8	.43
WA609	Baked Black Enamel.....	9	2 1/4	6	14	.43
WA610	Baked Black Enamel.....	10	2 1/2	6	1 2	.55
WA611	Baked Black Enamel.....	11	2 3/4	6	1 10	.70
WA614	Baked Black Enamel.....	14	3 1/2	6	2 14	1.60
WA618	Baked Black Enamel.....	18	4 1/2	6	6	3.30
WA905	Natural Black.....	5	1 1/4	Bulk	5	.35
WA907	Natural Black.....	7	1 1/2	Bulk	8	.35
WA909	Natural Black.....	9	2 1/4	Bulk	14	.35
WA910	Natural Black.....	10	2 1/2	Bulk	1 2	.45
WA911	Natural Black.....	11	2 3/4	Bulk	1 10	.58
WA914	Natural Black.....	14	3 1/2	Bulk	2 14	1.45
WA918	Natural Black.....	18	4 1/2	Bulk	6	3.00
X40	Cadmium Plated.....	9	2 1/4	Bulk	14	.42
X41	Cadmium Plated.....	11	2 3/4	Bulk	1 10	.70

HEAVY DUTY 11" AUTOMOBILE WRENCH

All Steel Jaw & Bar, both Drop Forged, Baked Enamel Finish
No. WA511S—11 inch All Steel Automobile Wrench

6 1 7 1.60

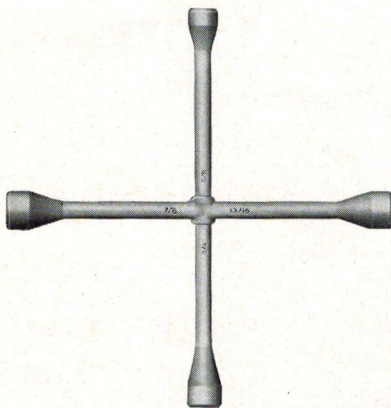
TUBULAR SPARK PLUG WRENCHES



Furnished with 6 1/4" long handles for turning. Length of wrench 4 1/2".

No. WUD627—Openings 27/32" & 1 1/32", Baked Black Enamel.....	12	9	.39
No. WUD629—Openings 29/32" & 1 5/32", Baked Black Enamel.....	12	9	.39
No. WUD631—Openings 31/32" & 1 7/32", Baked Black Enamel.....	12	9	.39
No. WUD633—Openings 1 1/32" & 1 9/32", Baked Black Enamel.....	12	9	.39
No. WUD927—Openings 27/32" & 1 1/32", Natural Finish.....	12	9	.34
No. WUD929—Openings 29/32" & 1 5/32", Natural Finish.....	12	9	.34
No. WUD931—Openings 31/32" & 1 7/32", Natural Finish.....	12	9	.34
No. WUD933—Openings 1 1/32" & 1 9/32", Natural Finish.....	12	9	.34

FOUR WAY RIM WRENCHES



New type welded four way rim wrench. Produced by a new method which gives a neat, attractive and perfect union of the two cross bars. Long handles give plenty of leverage and fender clearance. Deep sockets—5/8", 3/4", 13/16", and 7/8" openings, take wheel nuts on nearly all cars and light trucks. Choice of four different finishes.

No. X200—Rim Wrench, Natural Black Finish.....	Bulk	2	3	.70
No. X201—Rim Wrench, Black Japanned Finish.....	Bulk	2	3	.75
No. X202—Rim Wrench, Aluminum Finish.....	Bulk	2	3	.75
No. X203—Rim Wrench, Tempered, Cadmium Plated Finish.....	Bulk	2	3	.90

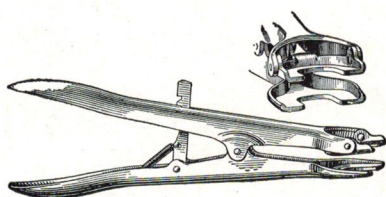
VLCHEK POPULAR AUTOMOTIVE TOOLS



"C" TYPE VALVE LIFTER

Fast, Safe, Easy to Use. Simple positive lock automatically locks rack at any point, leaving one hand always free to remove pins or catch split locks. Tough spring steel jaws, deep flanged, open wide to take any spring and hold it safely.

		Standard Package	Weight Each lbs. oz.	List Price
Z3505	Valve Lifter.....	1	4 14	\$6.00
Z35051	Straight Standard Jaws only—Pair.	6	3	1.25
Z35052	Offset Jaws only—Pair.....	6	3	1.25
Z35053	Dodge Special Offset Jaws only— Pair.....	6	3	1.50
Z35054	Cadillac—Lincoln Jaws only—Pair	6	3	1.50



VLCHEK FITZ-ALL VALVE LIFTER

Note the swivel jaw which holds valve spring vertical at all times and prevents binding. BEST VALUE IN A HAND VALVE LIFTER.

No. 600—Valve Lifter, Cadmium Plated.

1 15 .70



MACHINISTS' BEARING SCRAPERS

Drop Forged—High Carbon Steel—Hollow Ground—Polished Blades

No. KH510—Bearing Scraper, 10½" Long.....	6	4	.65
No. KH511—Bearing Scraper, 11½" Long.....	6	5	.70
No. KH513—Bearing Scraper, 13½" Long.....	6	8	.75
No. AKH53—Set of above three Bearing Scrapers.....	1	1	2.10

PRY BAR



Forged from high carbon tool steel—7/16" square stock—14" long. Note round taper for lining up.

No. X302—Pry Bar, Cadmium Plated.

Bulk 11 .35

TIRE TOOL



Good leverage, 16" long. Rounded edges. Comfortable grip.

No. TC6—Tire Iron, Black Enamel Finish	Bulk	1	6	.45
No. X72—Tire Iron, Natural Black Finish	Bulk	1	6	.40

COTTER PIN EXTRACTOR



Forged from 5/16" square steel, 5½" long.

No. EC6—Cotter Tool, Black Enamel Finish.....	6	3	.17
No. EC9—Cotter Tool, Natural Black Finish.....	12	3	.15

VLCHEK POPULAR SCREW DRIVERS



"INSULGRIP" SCREW DRIVER

A popular priced screw driver with a molded composition handle. This handle is an excellent insulator and is sharply fluted giving an exceptionally firm grip.

Blades are of high carbon steel, heat treated and polished.

No. SR103—3" x $\frac{7}{32}$ " Round Blade, $6\frac{3}{4}$ " Over All.....

No. SR104—4 $\frac{1}{2}$ " x $\frac{1}{4}$ " Round Blade, $8\frac{5}{8}$ " Over All.....

No. SR106—6" x $\frac{1}{4}$ " Round Blade, 10" Over All.....

"INSULGRIP" ASSORTMENT

3—3", 5—4 $\frac{1}{2}$ " and 4—6" Screw Drivers in display carton.

No. ASR12—Insulgrip Assortment.....

Standard Package	Weight Each lbs. oz.	List Price
12	3	\$0.20
12	4	.20
12	4	.20
1	3	2.40

STANDARD SCREW DRIVERS

Hardwood Handles, stained Mahogany and varnished. Round Blades carefully heat treated and polished all over.

No. SS102—2" x $\frac{3}{16}$ " Round Blade, $5\frac{3}{4}$ " Over All.....

No. SS103—3" x $\frac{1}{32}$ " Round Blade, $7\frac{1}{2}$ " Over All.....

No. SS104—4" x $\frac{1}{4}$ " Round Blade, 9" Over All.....

No. SS105—5" x $\frac{5}{16}$ " Round Blade, $10\frac{3}{8}$ " Over All.....

No. SS106—6" x $\frac{5}{16}$ " Round Blade, $11\frac{3}{8}$ " Over All.....

No. SS108—8" x $\frac{5}{16}$ " Round Blade, $13\frac{3}{8}$ " Over All.....

No. SS110—10" x $\frac{3}{8}$ " Round Blade, 16" Over All.....

No. SS112—12" x $\frac{3}{8}$ " Round Blade, 18" Over All.....

6	2	.22
6	2	.23
6	4	.23
6	5	.27
6	5	.28
6	6	.37
6	8	.52
6	10	.65

POPULAR PRICED SCREW DRIVERS

Black hardwood handles. Natural black blades. Good value in all the most popular sizes.

No. X140— $\frac{7}{32}$ " Round Blade, 3" Long.....

No. X141— $\frac{1}{4}$ " Round Blade, $3\frac{1}{2}$ " Long....

No. X142— $\frac{5}{16}$ " Round Blade, 5" Long.....

No. X143— $\frac{5}{16}$ " Square Blade, 5" Long.....

12	2	.12
12	2	.13
12	4	.15
12	5	.18

HOUSEHOLD SCREW DRIVER

An exceptionally good value. Red hardwood handle. Velco white rust proof blade. Ferule is so constructed that it positively cannot come off.

No. X130— $\frac{1}{4}$ " Round Blade, $3\frac{1}{2}$ " Long....

12	2	.11
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OFFSET SCREW DRIVER

Drop forged from high carbon steel. 6" long. Octagon stock, $\frac{5}{16}$ " diam.

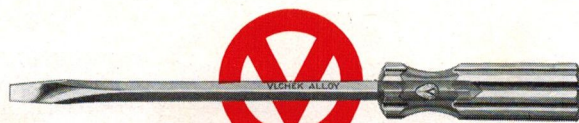
No. SFC606—Offset Screw Driver, Japanned

No. SFC906—Offset Screw Driver, Natural

No. X179—Offset Screw Driver, Cadmium Plated.....

6	2	.37
6	2	.35
12	2	.37

VLCHEK QUALITY SCREW DRIVERS



SUPER-ALLOY

These drivers are beautiful to look at, and as good as they look. Blades are of chrome nickel steel carefully heat treated. Handles are made of a translucent non-porous composition of exceeding toughness and SHOCK-PROOF. Blades have hollow ground points and are brightly plated. All numbers have square blades except SUM101 and SUM104 which have round blades.

Catalog Number	Length of Blade Inches	Size of Stock Inches	Length Overall Inches	Standard Package	Weight Each lbs. oz.	List Price
SUM101	1 1/2	1/8	3 3/8	6	1	\$0.31
SUM104	4	1/8	5 7/8	6	1	.35
SU304	4	3/16	7 1/16	6	2	.62
SU308	8 1/2	3/16	11 9/16	6	4	.70
SU401	1 1/2	1/4	3 1/4	6	2	.70
SU404	4	1/4	7 7/8	6	4	.90
SU406	6	1/4	9 7/8	6	5	.95
SU506	6	5/16	10 1/2	6	7	1.15
SU508	8	5/16	12 1/2	6	8	1.20
SU608	8	3/8	13 1/2	6	9	1.35

ASUM12 Assortment, 6 each SUM101 and SUM104 on Display Card..... 1 1 2 3.96



Round Shank **ALLOY** Polished Blades

This fine alloy, wood handled screw driver is made in the popular hammer head pattern with the blade extending through the handle to a steel button head. To prevent loose ferrules or blades turning, they are securely pinned through ferrule, handle and blade. Blades are made of fine chrome nickel steel carefully heat treated and nicely polished. Ferrules are polished all over. Handles are of hard wood, beautifully finished in rubberoid, and fit the hand comfortably. A high grade driver in every respect.

Catalog Number	Length of Blade Inches	Diameter of Blade Inches	Length Over All Inches			
SA103	3	3/16	7	6	2	.52
SA104	4	1/4	9 1/4	6	4	.58
SA105	5	5/16	10 7/8	6	7	.70
SA106	6	5/16	11 7/8	6	7	.75
SA108	8	3/8	14 1/4	6	10	.95
SA110	10	3/8	16 1/4	6	11	1.10
SA112	12	3/8	18 1/4	6	12	1.20

HEAVY DUTY SCREW DRIVERS



Hammer head type. Blade extends through handle ending in a large diameter steel button. Very sturdy construction. Cherry red hardwood handles—Polished blades.

No. X172—5/16" Square Blade, 5" Long.....
No. X173—7/32" Round Blade, 3" Long.....

12 7 .43
12 3 .30

ALL STEEL SCREW DRIVERS



Drop forged in one piece from high carbon steel. Practically indestructible. 7/16" square shank. 9" long.

No. SDC509—Screw Driver, Japanned, Polished Blade.....
No. SDC909—Screw Driver, Natural Black Finish.....

6 12 .45
Bulk 12 .35

VLCHEK QUALITY BRICKLAYERS' HAMMERS



BRICKLAYERS' HAMMERS

Drop Forged—High Carbon Steel

This pattern Hammer was originated by F. J. Vlcek from suggestions received from practical bricklayers. Imitated but never equalled—this hammer has the following exclusive features: Perfect balance, assuring straight blow;

Spalling face, hard center and four tough, sharp edges;

Chisel end thin and sharp, ready for use; Proper wrist radius, prevents straining the hand;

Specially designed selected hickory handle.

Baked
Black
Enamel
Finish



No. HL1—Bricklayers' Hammer—1¾ lb. Head	4	1	12	\$1.40
No. HL2—Bricklayers' Hammer—2 lb. Head	4	2		1.55

Drop Forged BRICK SKETZES High Carbon Steel

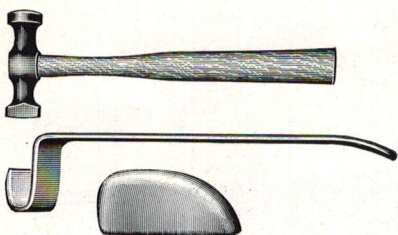
No. HS1—Brick Sketz—1¾ lb. Head	4	1	12	1.75
No. HS2—Brick Sketz—2 lb. Head	4	2		1.90

FENDER TOOL SETS

No. X2803 consists of:

Drop forged bumping hammer, japanned and polished, with select ash handle.

Toe dolly block—Polished and cadmium plated. Fender tool—Polished and cadmium plated.



No. X2808 consists of:

Drop forged bumping hammer, japanned and polished, with select ash handle.

Toe dolly block, polished.

Fender tool, polished.

No. X2803—Fender Tool Set	1	4	4	2.25
No. X2808—Fender Tool Set	1	4	4	2.00

BUMPING HAMMER

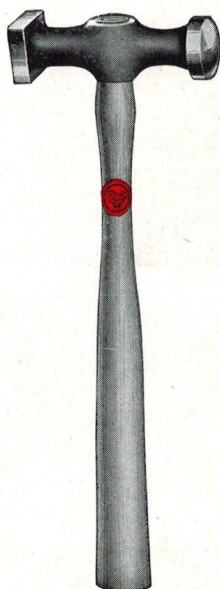
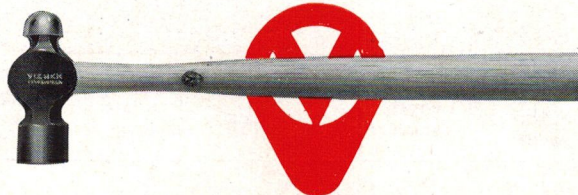


Drop forged from high carbon steel. Selected ash handles. Weight 10 oz. Length 12".

No. X73—Bumping Hammer, Japanned, Polished Faces

Bulk	1	1	.75
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VLCHEK QUALITY BALL PEIN HAMMERS



Special Hammer Steel

Select Hickory Handles

Japanned Finish—Polished Face and Pein

Catalog Number	Weight of Head	Length Over All	Standard Package	Weight Each lbs. oz.	List Price
HB504	4 oz.	12"	6	8	\$1.00
HB508	8 oz.	13"	6	13	1.00
HB512	12 oz.	14"	6	1 3	1.00
HB516	1 lb.	14"	6	1 8	1.05
HB524	1½ lb.	16"	6	2 3	1.25
HB532	2 lb.	16½"	6	2 7	1.50
HB540	2½ lb.	17½"	6	3 3	2.00
HB548	3 lb.	17"	6	3 13	2.10

BUMPING OR FINISHING HAMMER

Drop forged from special hammer steel—Selected hickory handles. Weight of head 10 oz.—length overall 14". Highest quality.

H120 Bumping hammer—Japanned polished faces. 6 1 1 .95

NAIL HAMMER

Popular one pound size, japanned finish with head and claw polished. Select ash handle, choice of two finishes.

No. X65—1 lb. Nail Hammer, walnut stained handle. Bulk 1 3 .58
 No. X69—1 lb. Nail Hammer, white lacquered handle. Bulk 1 3 .62

BALL PEIN HAMMERS

Japanned, bright polished faces, long hickory handles with choice of two finishes.

No. X61—12 oz. Head, 14" Length. Bulk 1 .51
 No. X62—1 lb. Head, 14" Length. Bulk 1 4 .61
 No. X63—1½ lb. Head, 16" Length. Bulk 1 15 .82
 No. X64—2 lb. Head, 16½" Length. Bulk 2 7 1.09
 No. X46—12 oz. Head, 14" Length. Bulk 1 .54
 No. X47—1 lb. Head, 14" Length. Bulk 1 4 .64
 No. X48—1½ lb. Head, 16" Length. Bulk 1 15 .85
 No. X45—2 lb. Head, 16½" Length. Bulk 2 7 1.12

Nos. X61 to X64 — Walnut Stained Handles.

Nos. X46 to X45 — White Lacquered Handles.

TOOL KIT PATTERN BALL PEIN HAMMERS

Drop Forged—Selected Ash Handles

No. X50—10 oz. Head, 10½" Length—Japanned, Polished Faces. Bulk 13 .30
 No. X51—12 oz. Head, 10½" Length—Japanned, Polished Faces. Bulk 15 .33
 No. X52—1 lb. Head, 11" Length—Japanned, Polished Faces. Bulk 1 3 .48
 No. X53—1½ lb. Head, 16" Length—Japanned, Polished Faces. Bulk 2 .77
 No. X55—10 oz. Head, 10½" Length—Natural Black Finish. Bulk 13 .27
 No. X56—12 oz. Head, 10½" Length—Natural Black Finish. Bulk 15 .30
 No. X57—1 lb. Head, 11" Length—Natural Black Finish. Bulk 1 3 .45
 No. X58—1½ lb. Head, 16" Length—Natural Black Finish. Bulk 2 .73

VLCHEK QUALITY Chrome-Vanadium CHISELS

COLD CHISELS

Chrome Vanadium
Forged Steel



Triple
Heat Treated

Natural Finish— Red Top		Size Oct. Steel Inches	Length Inches	Width Cutting Edge Inches	Standard Package	Weight Each Lbs. Oz.	Japanned—Polished Tapers—Red Top	
Catalog No.	List Price						Catalog No.	List Price
CCV908	\$0.30	1/4	5	5/16	6	1	CCV508	\$0.37
CCV910	.30	5/16	5 1/4	3/8	6	2	CCV510	.37
CCV912	.32	3/8	5 1/2	7/16	6	3	CCV512	.40
CCV914	.37	7/16	6	1/2	6	4	CCV514	.45
CCV916	.40	1/2	6	5/8	6	5	CCV516	.47
CCV920	.57	5/8	7	3/4	6	10	CCV520	.65
CCV924	.72	3/4	7 1/2	7/8	6	14	CCV524	.82
CCV928	1.02	7/8	8	1	6	4	CCV528	1.12
CCV932	1.30	1	8 1/2	1 1/8	6	11	CCV532	1.40

EXTRA LENGTH COLD CHISELS

Chrome Vanadium
Forged Steel



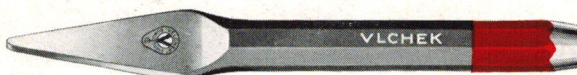
Triple
Heat Treated

Made in Natural Finish Only

Cat. No.	Size Oct. Steel In.	Lgth. Inch.	Width of Cutting Edge In.	Std. Pkg.	Weight Each Lbs. oz.	List Price	Cat. No.	Size Oct. Steel In.	Lgth. Inch.	Width of Cutting Edge In.	Std. Pkg.	Weight Each Lbs. oz.	List Price
C1610	1/2	10	5/8	6	9	\$0.80	C3212	1	12	1 1/8	6	2	\$2.25
C1612	1/2	12	5/8	6	11	.85	C3218	1	18	1 1/8	6	3	2.85
C2012	5/8	12	3/4	6	1	1.10	C3224	1	24	1 1/8	6	5	3.35
C2018	5/8	18	3/4	6	1	1.35	C4012	1 1/4	12	1 1/16	6	3	3.60
C2412	3/4	12	7/8	6	1	1.40	C4018	1 1/4	18	1 1/16	6	6	4.35
C2418	3/4	18	7/8	6	2	1.90	C4024	1 1/4	24	1 1/16	6	8	5.25
C2424	3/4	24	7/8	6	3	2.25							

CAPE CHISELS

Chrome Vanadium
Forged Steel



Triple
Heat Treated

Natural Finish— Red Top		Size Oct. Steel Inches	Length Inches	Width Cutting Edge Inches	Standard Package	Weight Each Lbs. Oz.	Japanned—Polished Tapers—Red Top	
Catalog No.	List Price						Catalog No.	List Price
CPV908	\$0.45	1/4	5	3/16	6	1	CPV508	\$0.55
CPV910	.45	5/16	5 1/2	7/32	6	2	CPV510	.55
CPV912	.45	3/8	5 1/2	1/4	6	3	CPV512	.55
CPV916	.55	1/2	6 1/2	5/16	6	6	CPV516	.65
CPV920	.75	5/8	7 1/2	3/8	6	9	CPV520	.90
CPV924	.90	3/4	8	1/2	6	15	CPV524	1.10

DIAMOND POINT CHISELS

Chrome Vanadium
Forged Steel



Triple
Heat Treated

Natural Finish— Red Top		Size Oct. Steel Inches	Length Inches	Width Cutting Edge Inches	Standard Package	Weight Each Lbs. Oz.	Japanned—Polished Tapers—Red Top	
Catalog No.	List Price						Catalog No.	List Price
CDV912	\$0.42	3/8	5 1/2	1/4	6	3	CDV512	\$0.52
CDV916	.52	1/2	6 1/2	5/16	6	5	CDV516	.62
CDV920	.70	5/8	7 1/2	3/8	6	9	CDV520	.80
CDV924	.87	3/4	8	1/2	6	14	CDV524	.97

HALF ROUND NOSE CHISELS

Chrome Vanadium
Forged Steel



Triple
Heat Treated

Natural Finish— Red Top		Size Oct. Steel Inches	Length Inches	Width Cutting Edge Inches	Standard Package	Weight Each Lbs. Oz.	Japanned—Polished Tapers—Red Top	
Catalog No.	List Price						Catalog No.	List Price
CHV912	\$0.47	3/8	5 1/2	1/4	6	3	CHV512	\$0.57
CHV916	.57	1/2	6 1/2	5/16	6	6	CHV516	.67
CHV924	.95	3/4	8	1/2	6	15	CHV524	1.05

VLCHEK QUALITY Chrome-Vanadium PUNCHES

PIN PUNCHES

Chrome Vanadium
Forged Steel



Triple
Heat Treated

Natural Finish— Red Top		Size Oct. Steel Inches	Length Inches	Size Point Inches	Standard Package	Weight Each		Japanned—Polished Tapers—Red Top	
Catalog No.	List Price					lbs.	oz.	Catalog No.	List Price
UNV903	\$0.30	1/4	4 1/2	3/32	6		1	UNV503	\$0.35
UNV904	.30	1/4	4 7/8	1/8	6		1	UNV504	.35
UNV905	.35	5/16	5 3/8	5/32	6		2	UNV505	.40
UNV906	.35	3/8	5 3/4	3/16	6		2	UNV506	.40
UNV907	.40	7/16	6 1/8	7/32	6		3	UNV507	.45
UNV908	.45	1/2	6 5/8	1/4	6		5	UNV508	.50
UNV910	.60	5/8	7	5/16	6		7	UNV510	.65
UNV912	.65	3/4	7 3/4	3/8	6		8	UNV512	.75

LONG TAPER PUNCHES

Chrome Vanadium
Forged Steel



Triple
Heat Treated

Natural Finish— Red Top		Size Oct. Steel Inches	Size Point Inches	Length Over-all Inches	Length of Taper Inches	Standard Package	Weight Each		Japanned—Polished Tapers—Red Top	
Cat. No.	List Price						lbs.	oz.	Cat. No.	List Price
ULV910	\$0.35	5/16	3/32	9	4 1/2	6		3	ULV510	\$0.42
ULV912	.40	3/8	1/8	9	4 1/2	6		4	ULV512	.45
ULV914	.47	7/16	5/32	9	4 1/2	6		5	ULV514	.55
ULV916	.52	1/2	3/16	9	4 1/2	6		7	ULV516	.60
ULV920	.62	5/8	1/4	9	4 1/2	6		10	ULV520	.72
ULV924	.95	3/4	5/16	10	6	6	1		ULV524	1.05
ULV928	1.20	7/8	3/8	10 1/2	6	6	1	8	ULV528	1.30

SOLID PUNCHES

Chrome Vanadium
Forged Steel



Triple
Heat Treated

Natural Finish— Red Top		Size Oct. Steel Inches	Length Inches	Size Point Inches	Standard Package	Weight Each		Japanned—Polished Tapers—Red Top	
Catalog No.	List Price					lbs.	oz.	Catalog No.	List Price
USV910	\$0.27	5/16	4 1/2	3/32	6		2	USV510	\$0.31
USV912	.27	3/8	4 3/4	1/8	6		2	USV512	.31
USV914	.35	7/16	5 1/2	5/32	6		3	USV514	.40
USV916	.40	1/2	6	3/16	6		5	USV516	.45
USV920	.55	5/8	6	1/4	6		8	USV520	.60
USV924	.72	3/4	6 1/2	5/16	6		11	USV524	.80

CENTER PUNCHES

Chrome Vanadium
Forged Steel



Triple
Heat Treated

Natural Finish—Red Top		Size Oct. Steel Inches	Length Inches	Standard Package	Weight Each		Japanned—Polished Tapers Red Top	
Catalog No.	List Price				lbs.	oz.	Catalog No.	List Price
UCV910	\$0.27	5/16	4 1/4	6		3	UCV510	\$0.31
UCV912	.27	3/8	4 1/2	6		3	UCV512	.31
UCV914	.35	7/16	5	6		4	UCV514	.40
UCV916	.40	1/2	5 1/4	6		5	UCV516	.45

PRICK PUNCHES

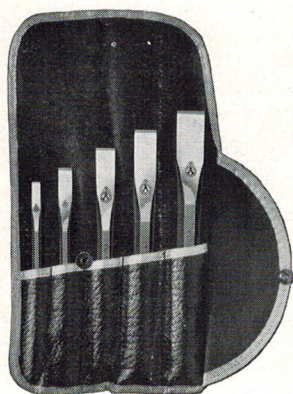
Chrome Vanadium
Forged Steel



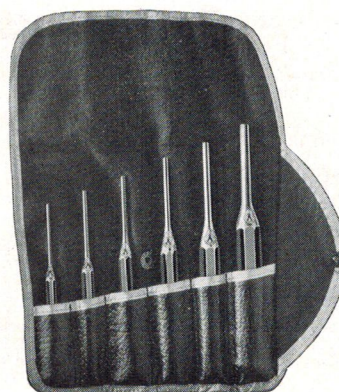
Triple
Heat Treated

Natural Finish—Red Top		Size Oct. Steel Inches	Length Inches	Standard Package	Weight Each		Japanned—Polished Tapers Red Top	
Catalog No.	List Price				lbs.	oz.	Catalog No.	List Price
UPV910	\$0.25	5/16	4 3/4	6		2	UPV510	\$0.30
UPV912	.25	3/8	5	6		2	UPV512	.30
UPV914	.35	7/16	5 1/2	6		3	UPV514	.40
UPV916	.40	1/2	6	6		5	UPV516	.45

VLCHEK QUALITY Chisel and Punch SETS



These sets consist of the most popular sizes of the fine Chrome Vanadium chisels and punches described on the preceding pages. Every mechanic needs a full range of chisels and punches. If he has only a few chisels and punches he will constantly use them on work that is too heavy or too light, and breakage of tools and parts will inevitably result. You do the mechanic a favor when you sell him proper tool equipment. Sell these tools in sets and have satisfied customers.



COLD CHISEL SET

The set shown above contains the following cold chisels. Finished in black japan, blades polished.

Size Stock Inches	Width of Blade Inches	Length Inches
1/4	5/16	5
3/8	7/16	5 1/2
1/2	5/8	6
5/8	3/4	7
3/4	7/8	7 1/2

ACC55 5 Pce. Cold Chisel Set.....\$3.20
Weight Each 2 lbs., 2 oz.

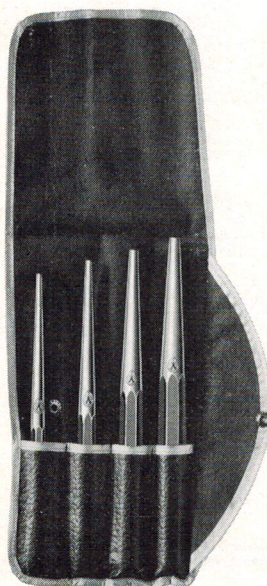
PIN PUNCH SET

The set illustrated above contains the following pin punches. Finished in black japan, tapers polished.

Size Stock Inches	Size Point Inches	Length Inches
1/4	3/32	4 1/2
1/4	1/8	4 7/8
5/16	5/32	5 3/8
3/8	3/16	5 3/4
1/2	1/4	6 5/8
5/8	5/16	7

AUN56 6 Pce. Pin Punch Set.....\$3.15
Weight Each 1 lb., 4 oz.

LONG TAPER PUNCH SET



The four piece taper punch set illustrated at the left contains the following punches.

Size Stock Inches	Size Point Inches	Length Inches
3/8	1/8	9
1/2	3/16	9
5/8	1/4	9
3/4	5/16	10

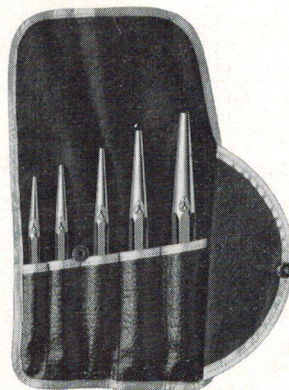
We also offer a five piece set containing the above and a larger punch;

7/8" Stock, 3/8" Point, 10 1/2" long.

All punches are finished in black japan with polished tapers.

Catalog No.
AUL54 4 Pce. Long Taper Punch Set.....\$3.30
Weight Each 2 lbs., 7 oz.
AUL55 5 Pce. Long Taper Punch Set.....\$4.65
Weight Each 3 lbs., 14 oz.

SOLID PUNCH SET



Contains five solid punches. Finished in black japan, tapers polished.

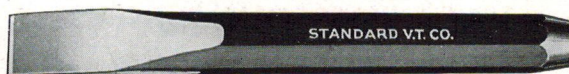
Size Stock Inches	Size Point Inches	Length Inches
3/8	1/8	4 3/4
1/2	5/32	5 1/2
5/8	3/16	6
3/4	1/4	6
	5/16	6 1/2

AUS55 5 Pce. Solid Punch Set.....\$3.05
Weight Each 1 lb., 13 oz.

VLCHEK STANDARD BRAND CHISELS AND PUNCHES

COLD CHISELS

High Carbon Steel



Forged

Made in two finishes—Natural, and Ebony (Japanned) Half Polished

Natural Finish		Size Oct. Steel Inches	Length Inches	Width Cutting Edge Inches	Standard Package	Weight Each lbs. oz.	Japanned Half Polished	
Catalog No.	List Price						Catalog No.	List Price
CCC908	\$0.17	1/4	5	5/16	6	1	CCC508	\$0.25
CCC910	.17	5/16	5 1/4	3/8	6	2	CCC510	.25
CCC912	.17	3/8	5 1/2	1/2	6	3	CCC512	.25
CCC914	.20	7/16	6	1 1/2	6	4	CCC514	.30
CCC916	.22	1/2	6	5/8	6	5	CCC516	.32
CCC920	.30	5/8	7	3/4	6	10	CCC520	.42
CCC924	.40	3/4	7 1/2	7/8	6	14	CCC524	.55
CCC928	.55	7/8	8	1	6	4	CCC528	.72
CCC932	.75	1	8 1/2	1 1/8	6	11	CCC532	.95

EXTRA LENGTH COLD CHISELS

High Carbon Steel—Made in Natural Finish Only

Cat. No.	Size Stock Inches	Width Cutting Edge Inches	Lgth. Inch.	Stand-ard Pkg.	Wt. Each lbs. oz.	List Price	Cat. No.	Size Stock Inches	Width Cutting Edge Inches	Lgth. Inch.	Stand-ard Pkg.	Wt. Each lbs. oz.	List Price
CC1612	1/2	5/8	12	Bulk	11	\$0.55	CC2818	7/8	1	18	Bulk	3	\$1.35
CC2012	5/8	3/4	12	Bulk	1	.65	CC3212	1	1 1/8	12	Bulk	2	1.15
CC2412	3/4	7/8	12	Bulk	1	.85	CC3218	1	1 1/8	18	Bulk	3	1.40
CC2418	3/4	7/8	18	Bulk	2	1.05	CC4012	1 1/4	1 1/16	12	Bulk	3	1.85
CC2424	3/4	7/8	24	Bulk	3	1.25	CC4018	1 1/4	1 1/16	18	Bulk	6	2.35
CC2812	7/8	1	12	Bulk	2	1.10	CC4024	1 1/4	1 1/16	24	Bulk	8	2.85

CAPE CHISELS

High Carbon Steel



Forged

Made in two finishes—Natural, and Ebony (Japanned) Half Polished

Natural Finish		Size Oct. Steel Inches	Length Inches	Width Cutting Edge Inches	Standard Package	Weight Each lbs. oz.	Japanned Half Polished	
Catalog No.	List Price						Catalog No.	List Price
CPC912	\$0.32	3/8	5 1/2	1/4	6	3	CPC512	\$0.42
CPC916	.37	1/2	6 1/2	5/16	6	6	CPC516	.47
CPC920	.55	5/8	7 1/2	3/8	6	9	CPC520	.67
CPC924	.67	3/4	8	1/2	6	15	CPC524	.85

MACHINISTS' CENTER PUNCHES

High Carbon Steel



Forged

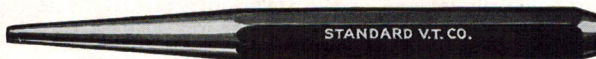
Made in two finishes—Natural, and Ebony (Japanned) Half Polished

Natural Finish		Size Oct. Steel Inches	Length Inches	Standard Package	Weight Each lbs. oz.	Japanned Half Polished	
Catalog No.	List Price					Catalog No.	List Price
UCC910	\$0.14	5/16	4 1/4	6	3	UCC510	\$0.20
UCC912	.14	3/8	4 1/2	6	3	UCC512	.20
UCC914	.19	7/16	5	6	4	UCC514	.27
UCC916	.20	1/2	5 1/4	6	5	UCC516	.30

VLCHEK STANDARD BRAND PUNCHES

MACHINISTS' SOLID PUNCHES

High Carbon Steel
Natural Finish



Forged
Ebony Half Polished

Natural Finish		Size Oct. Steel Inches	Length Inches	Size Point Inches	Standard Package	Weight Each Lbs. oz.	Japanned Half Polished	
Catalog No.	List Price						Catalog No.	List Price
USC910	\$0.14	5/16	4 1/2	3/32	6	2	USC510	\$0.20
USC912	.14	3/8	4 3/4	1/8	6	2	USC512	.20
USC914	.19	7/16	5 1/2	5/32	6	3	USC514	.27
USC916	.20	1/2	6	3/16	6	5	USC516	.30
USC920	.30	5/8	6	1/4	6	8	USC520	.42

MACHINISTS' PIN PUNCHES

High Carbon Steel
Natural Finish



Forged
Ebony Half Polished

Natural Finish		Size Oct. Steel Inches	Length Inches	Size Point Inches	Standard Package	Weight Each Lbs. oz.	Japanned Half Polished	
Catalog No.	List Price						Catalog No.	List Price
UNC903	\$0.25	1/4	4 1/2	3/32	6	1	UNC503	\$0.30
UNC904	.25	1/4	4 7/8	1/8	6	1	UNC504	.30
UNC905	.25	5/16	5 3/8	5/32	6	2	UNC505	.30
UNC906	.25	3/8	5 3/4	3/16	6	2	UNC506	.30
UNC907	.27	7/16	6 1/8	7/32	6	3	UNC507	.35
UNC908	.30	1/2	6 5/8	1/4	6	5	UNC508	.40
UNC910	.40	5/8	7	5/16	6	7	UNC510	.50
UNC912	.50	5/8	7 3/4	3/8	6	8	UNC512	.60

LONG TAPER PUNCHES

High Carbon Steel
Natural Finish



Forged
Ebony Half Polished

Natural Finish		Size Oct. Steel Inches	Size Point Inches	Length Over-all Inches	Length of Taper Inches	Standard Package	Weight Each Lbs. oz.	Japanned Half Polished	
Cat. No.	List Price							Cat. No.	List Price
ULC910	\$0.27	5/16	3/32	9	4 1/2	6	3	ULC510	\$0.35
ULC912	.30	3/8	1/8	9	4 1/2	6	4	ULC512	.37
ULC914	.32	7/16	5/32	9	4 1/2	6	5	ULC514	.42
ULC916	.35	1/2	3/16	9	4 1/2	6	7	ULC516	.45
ULC920	.37	5/8	1/4	9	4 1/2	6	10	ULC520	.52

VLCHEK All Purpose PUNCH and CHISEL SETS



LARGE 5 PIECE PUNCH AND CHISEL SETS

Consist of $\frac{3}{8}$ " and $\frac{1}{2}$ " Cold Chisels, $\frac{3}{8}$ " and $\frac{1}{2}$ " Solid Punches and $\frac{3}{8}$ " Center Punch—High Carbon Steel—Metal band container.

No. X2590—Bright Plated—Buffed Tapers, Red Holder....
No. 2072 —Japanned—Polished Tapers, Red Holder.....
No. 2198 —Japanned all over, Red Holder.....
No. 2071 —Natural Black Finish, Red Holder.....

Standard Package	Weight Each lbs. oz.	List Price
Bulk	1 1	\$1.37
Bulk	1 1	.95
Bulk	1 1	.75
Bulk	1 1	.62

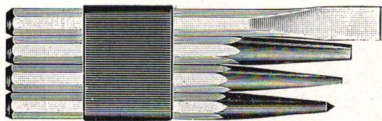
SMALL 5 PIECE PUNCH AND CHISEL SETS

Consist of two sizes of chisels, two sizes of solid punches, and center punch—all made from $\frac{3}{8}$ " stock—Metal band container

No. X2589—Bright Plated—Buffed Tapers, Red Holder....
No. X2592—Velco White Rust Proof Finish, Red Holder....
No. X2580—Natural Black Finish, Red Holder.....

Bulk	12	1.25
Bulk	12	.60
Bulk	12	.52

4 PIECE PUNCH AND CHISEL SETS



Consist of chisel—two sizes solid punches, and center punch all $\frac{3}{8}$ " stock. Carbon Steel, Red metal band container.

No. X2588—Velco White Rust Proof Finish
No. X2591—Natural Black Finish.....

Bulk	10	.47
Bulk	10	.42

COLD CHISELS



Forged high carbon tool steel—Bright Plated, Buffed Tapers.

No. X700— $\frac{3}{8}$ " Stock— $\frac{7}{16}$ " Edge— $5\frac{1}{2}$ " Long
No. X701— $\frac{1}{2}$ " Stock— $\frac{5}{8}$ " Edge—6" Long
No. X702— $\frac{5}{8}$ " Stock— $\frac{3}{4}$ " Edge—7" Long

12	3	.28
12	5	.35
12	9	.45

SOLID PUNCHES



Forged high carbon tool steel—Bright Plated, Buffed Tapers.

No. X730— $\frac{3}{8}$ " Stock— $\frac{1}{8}$ " Point— $4\frac{3}{4}$ " Long
No. X732— $\frac{1}{2}$ " Stock— $\frac{3}{16}$ " Point—6" Long

12	2	.23
12	4	.28

CENTER PUNCHES



Forged high carbon tool steel—Bright Plated, Buffed Tapers.

No. X710— $\frac{3}{8}$ " Stock— $4\frac{1}{2}$ " Long.....
No. X711— $\frac{1}{2}$ " Stock— $5\frac{1}{4}$ " Long.....

12	2	.23
12	4	.28

PRICK PUNCHES



Forged high carbon tool steel—Bright Plated, Buffed Tapers.

No. X720— $\frac{3}{8}$ " Stock—5" Long.....

12	2	.23
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PIN PUNCHES



Forged high carbon tool steel—Bright Plated, Buffed Tapers.

No. X725— $\frac{3}{8}$ " Stock— $\frac{3}{16}$ " Point— $5\frac{3}{4}$ " Long
No. X726— $\frac{1}{2}$ " Stock— $\frac{3}{16}$ " Point—9" Long
No. X727— $\frac{1}{2}$ " Stock— $\frac{1}{4}$ " Point—9" Long

12	2	.30
12	5	.43
12	6	.43

LONG TAPER PUNCHES

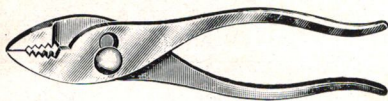


Forged high carbon tool steel—Bright Plated, Buffed Tapers.

No. X740— $\frac{1}{2}$ " Stock— $\frac{3}{16}$ " Point—9" Long.
No. X741— $\frac{5}{8}$ " Stock— $\frac{1}{4}$ " Point—12" Long.

12	7	.40
12	14	.60

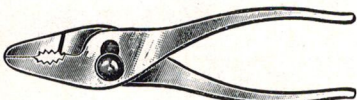
VLCHEK STANDARD BRAND PLIERS



COMBINATION PLIERS

Drop forged, tempered. Slip joint. New perfect grip, hand fitting handles on all except 5 and 10 inch sizes.

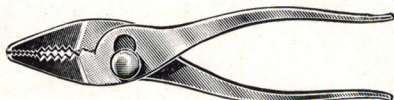
	Standard Package	Weight Each lbs. oz.	List Price
No. PR305—5" Plier, Polished Nickel Finish, Bolt Joint	6	3	\$0.50
No. PR306—6" Plier, Polished Nickel Finish, Bolt Joint	6	6	.50
No. PR206—6" Plier, Cadmium Plated, Riveted Joint	12	6	.23
No. PR906—6" Plier, Natural Black Finish, Riveted Joint	12	6	.20
No. PR308—8" Plier, Polished Nickel Finish, Bolt Joint	6	8	.70
No. PR208—8" Plier, Cadmium Plated, Riveted Joint	12	8	.35
No. PR908—8" Plier, Natural Black Finish, Riveted Joint	12	8	.31
No. PR310—10" Plier, Polished Nickel Finish, Bolt Joint	6	15	1.05



6" THIN NOSE PLIERS

Drop forged, tempered. Slip joint. New perfect grip, hand fitting handles.

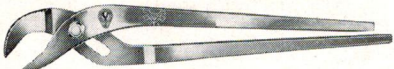
No. PS306—Plier, Polished Nickel Finish, Bolt Joint	6	5	.55
No. PS206—Plier, Cadmium Plated, Riveted Joint	12	5	.29
No. PS906—Plier, Natural Black Finish, Riveted Joint	12	5	.26



6" BENT THIN NOSE PLIERS

Drop forged, tempered. Slip joint. New perfect grip, hand fitting handles.

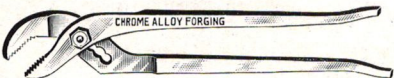
No. PB306—Plier, Polished Nickel Finish, Bolt Joint	6	5	.57
No. PB206—Plier, Cadmium Plated, Riveted Joint	12	5	.32
No. PB906—Plier, Natural Black Finish, Riveted Joint	12	5	.29



WATER PUMP PLIERS

Forged in two grades—chrome molybdenum alloy and special analysis carbon steel.

No. PF209—9½" Water Pump Pliers—ALLOY STEEL—Polished all over, Bright Plated	6	8	1.60
No. X85—9½" Water Pump Pliers—ALLOY STEEL—Nickel Plated, Buffed Noses ..	12	9	1.00
No. X275—9½" Water Pump Pliers—CARBON STEEL—Cadmium Plated	12	10	.62



IGNITION PLIERS

Same as above except 4½" long. Fine for ignition, radio, and light electrical work. No. X87 — Ignition Pliers, ALLOY STEEL, Nickel Plated, Buffed Noses....

No. PF204—Ignition Pliers—ALLOY STEEL—Polished all over, Bright Plated Finish	12	1½	.67
No. PF204—Ignition Pliers—ALLOY STEEL—Polished all over, Bright Plated Finish	6	1½	1.00



BATTERY PLIERS

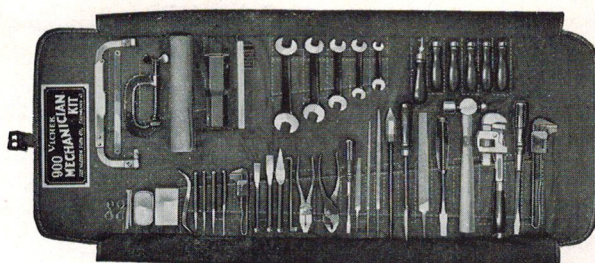
Forged in two grades—chrome molybdenum alloy and special analysis carbon steel 15° Angle. Jaws have deep milled teeth.

No. X225—8" Battery Plier, CARBON STEEL—Cadmium Plated	12	7	.62
No. PA208—Battery Plier—ALLOY STEEL—Bright Plated Finish	6	7	1.25

An attractive display card furnished free with orders for 8 or more pliers. Order by the assortment.

APA8 Assortment of 8. No. PA208 Battery Pliers on display card	1	4	3	10.00
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VLCHEK STANDARD TOOL KITS



No. 900 Tool Kit

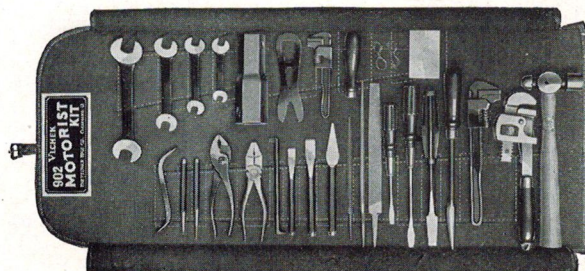
1/2" Vlchek Cape Chisel, Red and Ebony, Half Polished
 5/16" Cotter Pin Extractor, Ebony
 6" Side Cutting Pliers
 6" Offset Drop Forged Screw Driver, Ebony
 3-Sheets Emery Cloth
 8" Round File with Handle
 Soldering Iron with Handle
 Box Solder Paste
 2 Bundles No. 15 Copper Wire
 8" Hack Saw and Frame
 4" Flat File with Handle
 1/2" Vlchek Cold Chisel, Red and Ebony, Half Polished
 3/8" Vlchek Cold Chisel, Red and Ebony, Half Polished
 Wire Solder
 Spark Plug Brush
 8" Flat File with Handle
 2 1/2" Carriage-makers' Clamp, Ebony
 Box Assorted Cotter Pins

MECHANICIAN KIT

A most complete assortment of highest quality tools; everything necessary for making repairs on the road or in the garage. Thirty-eight pieces.

Consists of the following:

No. 723 Semi-finished 15° Angle Drop Forged Wrench
 No. 725 Semi-finished 15° Angle Drop Forged Wrench
 No. 727 Semi-finished 15° Angle Drop Forged Wrench
 No. 729 Semi-finished 15° Angle Drop Forged Wrench
 No. 731 Semi-finished 15° Angle Drop Forged Wrench
 No. 2 Machinist's Standard Bearing Scraper
 10" Stillson Pipe Wrench
 12-oz. Machinist's Ball Pein Hammer
 9" Automobile Wrench, Ebony
 5" Automobile Wrench, Ebony
 29/32"x1 5/32" Spark Plug Socket Wrench, Ebony
 6" Combination Pliers, Ebony
 9" Machinists' All Steel Screw Driver, Polished Shank, Ebony Handle
 3" Round Shank Screw Driver, Polished
 5" Square Shank Screw Driver, Polished
 8" Square File with Handle
 3/8" Vlchek Solid Punch, Red and Ebony, Half Polished
 5/16" Vlchek Solid Punch, Red and Ebony, Half Polished
 1/4" Vlchek Pin Punch, Red and Ebony, Half Polished
 3/8" Vlchek Center Punch, Red and Ebony, Half Polished
 No. 900 Individual Pocket Case. Made from Heavy Brown Duck
 Packed One in a Carton. Weight Each 14 lb., 5 oz.
 900 Mechanician Tool Kit.....\$19.00



No. 902 Tool Kit

12 oz. Machinists' Ball Pein Hammer
 No. 2 Machinists' Bearing Scraper
 3/8" Vlchek Cold Chisel, Red and Ebony, Half Polished
 1/2" Vlchek Cold Chisel, Red and Ebony, Half Polished
 1/2" Vlchek Cape Chisel, Red and Ebony, Half Polished
 5/16" Cotter Pin Extractor, Ebony
 File Handle
 8" Flat File
 6" Side Cutting Pliers
 29/32"x1 5/32" Spark Plug Socket Wrench, Ebony
 Box Assorted Cotter Pins
 8" Round File
 6" Three Corner File
 5" Auto Wrench, Ebony
 2 Bundles Copper Wire

MOTORIST KIT

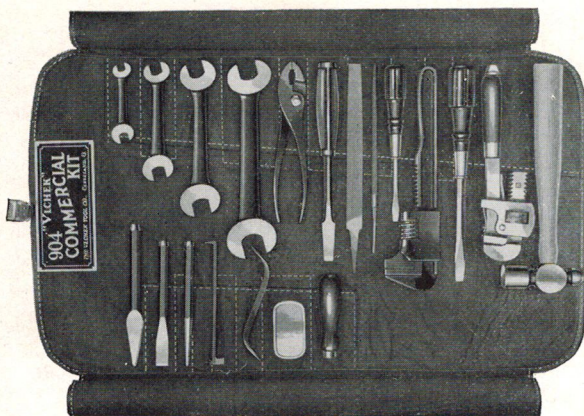
Twenty-nine Pieces

An excellent kit, containing all tools necessary for making ordinary repairs. Case is made from waterproof enameled drill material. We recommend this kit for automobile owners.

Consists of the following:

No. 723 Semi-finished 15° Angle Drop Forged Wrench
 No. 725 Semi-finished 15° Angle Drop Forged Wrench
 No. 727 Semi-finished 15° Angle Drop Forged Wrench
 No. 731 Semi-finished 15° Angle Drop Forged Wrench
 10" Stillson Pipe Wrench
 Single Jaw Wrench, Ebony
 3" Round Shank Screw Driver, Polished
 5" Round Shank Screw Driver, Polished
 9" Machinists' All-steel Screw Driver, Polished Shank, Ebony Handle
 6" Offset, Drop Forged Screw Driver, Ebony
 6" Combination Pliers, Ebony
 3/8" Vlchek Solid Punch, Red and Ebony, Half Polished
 3/8" Vlchek Center Punch, Red and Ebony, Half Polished
 9" Automobile Wrench, Ebony
 No. 902 Individual Pocket Case. Made from Enamel-
 ed Drill Material
 Packed One in a Carton. Weight Each 10 lb., 13 oz.
 902 Motorist Tool Kit.....\$14.00

VLCHEK STANDARD TOOL KITS



No. 904 Semi-Finish No. 904-B Natural Finish

Twenty Pieces—Made up of tools particularly adapted to use on a truck. All large heavy tools selected for strength and extra quality. Used extensively by shop men in all vocations.

Packed One in a Carton. Weight Each 10 lb., 9 oz.

904 Commercial Kit—Semi-Finished.....\$10.00
904-B Commercial Kit—Natural Finish..... 8.75

TOURIST KIT

Consists of the Following Tools:

No. 723 15° Angle Drop Forged Wrench
No. 725 15° Angle Drop Forged Wrench
No. 727 15° Angle Drop Forged Wrench
No. 729 15° Angle Drop Forged Wrench

Single Jaw Wrench

9" Automobile Wrench

3" Round Shank Screw Driver

5" Square Shank Screw Driver

9" Machinists' All-steel Screw Driver

8" Flat File

6" Combination Pliers

3/8" Vlchek Solid Punch

3/8" Vlchek Center Punch

1/2" Vlchek Cold Chisel

1/2" Vlchek Cape Chisel

5/16" Cotter Pin Extractor

12 oz. Machinists' Ball Pein Hammer

No. 2 Machinists' Bearing Scraper

Box Assorted Cotter Pins

File Handle

No. 906 Individual Pocket Case Made from Enamel-
ed Drill Material



No. 907 Semi-Finish No. 907-B Natural Finish

907 Sterling Kit—Semi-Finished.....\$3.90
907-B Sterling Kit—Natural Finish..... 3.50

COMMERCIAL KIT

Consists of the Following Tools:

No. 723 15° Angle Drop Forged Wrench

No. 727 15° Angle Drop Forged Wrench

No. 731 15° Angle Drop Forged Wrench

No. 34 15° Angle Drop Forged Wrench

10" Stillson Pipe Wrench

11" Automobile Wrench

3" Round Shank Screw Driver

5" Square Shank Screw Driver

6" Offset, Drop Forged Screw Driver

9" Machinists' All-steel Screw Driver

8" Flat File

8" Round File

File Handle

8" Combination Pliers

1/2" Vlchek Solid Punch

1/2" Vlchek Cold Chisel

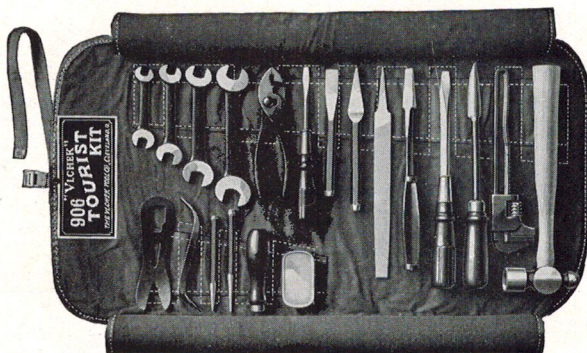
1/2" Vlchek Cape Chisel

5/16" Cotter Pin Extractor

16 oz. Machinists' Ball Pein Hammer

Box Assorted Cotter Pins

No. 904 Individual Pocket Case Made from Enamel-
ed Drill Material



No. 906 Semi-Finish No. 906-B Natural Finish

One of our best selling kits.

Packed One in a Carton. Weight Each 7 lb., 2 oz.

906 Tourist Kit—Semi-Finished.....\$7.25

906-B Tourist Kit—Natural Finish..... 6.00

STERLING KIT

A low priced serviceable kit. Best value.

Packed One in a Carton. Weight Each 4 lb., 14 oz.

Contains:

No. 723 15° Angle Drop Forged Wrench

No. 725 15° Angle Drop Forged Wrench

No. 729 15° Angle Drop Forged Wrench

Single Jaw Wrench

Box Assorted Cotter Pins

9" Automobile Wrench

3" Round Shank Screw Driver

4" Round Shank Screw Driver

3/8" Vlchek Solid Punch

3/8" Vlchek Center Punch

1/2" Vlchek Cold Chisel

5/16" Cotter Pin Extractor

6" Combination Pliers

10 oz. Machinists' Ball Pein Hammer

No. 907 Individual Pocket Case Made from Enamel-
ed Drill Material

VLCHEK STANDARD TOOL KITS



No. 908 Semi-Finish No. 908-B Natural Finish

Twelve piece Tool Kit—Good Quality—Economical
Packed One in a Carton. Weight Each 4 lb., 4 oz.

908 Taxi Kit—Semi-Finished\$3.25
908-B Taxi Kit—Natural Finish..... 3.00

TAXI KIT

Consists of the Following Tools:

- No. 723 15° Angle Drop Forged Wrench
- No. 725 15° Angle Drop Forged Wrench
- No. 729 15° Angle Drop Forged Wrench
- 9" Automobile Wrench
- 5" Square Shank Screw Driver
- 6" Flat File and Handle
- 6" Combination Pliers
- $\frac{3}{8}$ " Vlček Solid Punch
- $\frac{3}{8}$ " Vlček Cold Chisel
- $\frac{5}{16}$ " Cotter Pin Extractor
- Box Assorted Cotter Pins
- 10 oz. Machinists' Ball Pein Hammer
- No. 908 Individual Pocket Case made from Enameled Drill Material



No. 909 Semi-Finish No. 909-B Natural Finish

LITTLE ROADSTER KIT

Consists of the Following Tools:

- No. 723 15° Angle Drop Forged Wrench
- No. 725 15° Angle Drop Forged Wrench
- No. 729 15° Angle Drop Forged Wrench
- 9" Automobile Wrench
- 4" Round Shank Screw Driver
- $\frac{3}{8}$ " Vlček Solid Punch
- $\frac{3}{8}$ " Vlček Cold Chisel
- 6" Combination Pliers
- 10 oz. Machinists' Ball Pein Hammer
- No. 909 Envelope Case made from Enameled Drill Material

Packed One in a Carton. Weight Each 3 lb., 10 oz.

909 Little Roadster Kit—Semi-Finished.....\$2.35
909-B Little Roadster Kit—Natural Finish..... 2.25

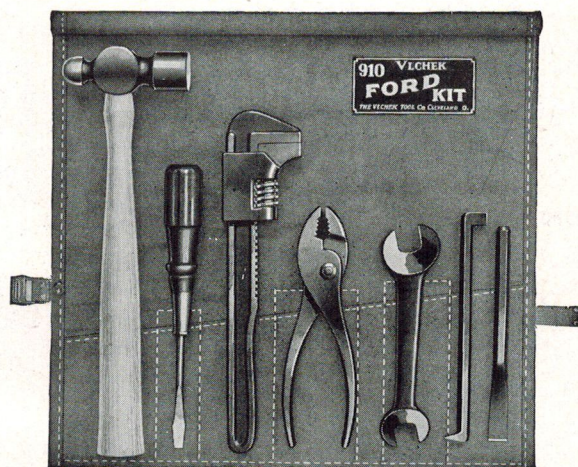
KIT FOR FORD CAR

Consists of the Following Tools:

- 9" Automobile Wrench
- 3" Round Shank Screw Driver
- 6" Combination Pliers
- $\frac{3}{8}$ " Vlček Cold Chisel
- No. 727 15° Angle Drop Forged Wrench
- 6" Offset Screw Driver
- 10-oz. Machinists' Ball Pein Hammer
- No. 910 Individual Pocket Case made from Enameled Drill Material

Packed One in a Carton. Weight Each 3 lb., 1 oz.

910 Ford Kit—Semi-Finished.....\$2.25
910-B Ford Kit—Natural Finish..... 2.10



No. 910 Semi-Finish No. 910-B Natural Finish

VLCHEK USED CAR TOOL KITS



Buy your Tool Kits from the world's largest manufacturer of automobile Tool Kits. Vlchek's great production facilities and huge volume assure you of best value in Kits. All Tools included in kits shown on this page are natural black finish.

No. 1992—5 Piece Tool Kit Consists of:

9" Auto Wrench
6" Combination Pliers
 $\frac{3}{8}$ " Cold Chisel
 $3\frac{1}{2}$ " Round Shank Screw Driver
10-oz. Ball Pein Hammer
No. 3001 Individual Pocket Case.

Weight Each 2 lb., 7 oz.

1992 Tool Kit.....\$1.25

No. 1983 Kit

No. 1981—6 Piece Tool Kit

Consists of:

9" Auto Wrench
 $3\frac{1}{2}$ " Round Shank Screw Driver
6" Combination Pliers
10-oz. Ball Pein Hammer
 $\frac{3}{8}$ " Cold Chisel
No. 25 Engineer's Wrench
No. 3002 Individual Pocket Case

Weight Each 2 lb., 10 oz.

1981 Tool Kit.....\$1.45

No. 1982—7 Piece Tool Kit

Consists of:

9" Auto Wrench
 $3\frac{1}{2}$ " Round Shank Screw Driver
6" Combination Pliers
10-oz. Ball Pein Hammer
 $\frac{3}{8}$ " Cold Chisel
No. 23 Engineer's Wrench
No. 27 Engineer's Wrench
No. 3003 Individual Pocket Case

Weight Each 2 lb., 13 oz.

1982 Tool Kit.....\$1.55

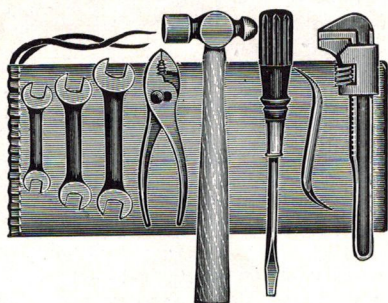
No. 1983—8 Piece Tool Kit

(Illustrated) Consists of:

9" Auto Wrench
5" Round Shank Screw Driver
6" Combination Pliers
10-oz. Ball Pein Hammer
 $\frac{5}{16}$ " Cotter Pin Extractor
No. 23 Engineer's Wrench
No. 25 Engineer's Wrench
No. 27 Engineer's Wrench
No. 1983 Individual Pocket Case

Weight Each 3 lb., 3 oz.

1983 Tool Kit.....\$1.85



No. 2111 Kit

No. 2110—7-pc. Tool Kit, consists of:

9" Auto Wrench, Natural Finish.
 $3\frac{1}{2}$ " Round Shank Screw Driver, Natural Finish.
6" Combination Pliers, Natural Finish.
10-oz. Ball Pein Hammer, Natural Finish.
 $\frac{3}{8}$ " Standard Cold Chisel, Natural Finish.
No. 23 Unfinished Tempered Wrench.
No. 27 Unfinished Tempered Wrench.
No. 711 Draw String Bag.

Weight Each 2 lb., 12 oz.

2110 Tool Kit.....\$1.35

No. 1980—5-pc. Tool Kit, consists of:

9" Auto Wrench, Natural Finish.
 $3\frac{1}{2}$ " Round Shank Screw Driver, Natural Finish.
6" Combination Pliers, Natural Finish.
10-oz. Ball Pein Hammer, Natural Finish.
 $\frac{3}{8}$ " Standard Cold Chisel, Natural Finish.
No. 711 Draw String Bag.

Weight Each 2 lb., 6 oz.

1980 Tool Kit.....\$1.10

No. 2109—6-pc. Tool Kit, consists of:

9" Auto Wrench, Natural Finish.
 $3\frac{1}{2}$ " Round Shank Screw Driver, Natural Finish.
6" Combination Pliers, Natural Finish.
10-oz. Ball Pein Hammer, Natural Finish.
 $\frac{3}{8}$ " Standard Cold Chisel, Natural Finish.
No. 25 Unfinished Tempered Wrench.
No. 711 Draw String Bag.

Weight Each 2 lb., 9 oz.

2109 Tool Kit.....\$1.25

No. 2111—8 pc. Tool Kit, (Illustrated) consists of:

9" Auto Wrench, Natural Finish.
5" Round Shank Screw Driver, Natural Finish.
6" Combination Pliers, Natural Finish.
10-oz. Ball Pein Hammer, Natural Finish.
 $\frac{5}{16}$ " Cotter Pin Extractor, Natural Finish.
No. 23 Unfinished Tempered Wrench.
No. 25 Unfinished Tempered Wrench.
No. 27 Unfinished Tempered Wrench.
No. 711 Draw String Bag.

Weight Each 3 lb., 1 oz.

2111 Tool Kit.....\$1.55



GUARANTEE

EVERY VLCHek TOOL is properly designed, carefully manufactured, and subjected to a rigid inspection before leaving our factory.

We guarantee that every Vlchek tool is serviceable and free from defects, and will give all the service that should be expected from any fine tool.

Any Vlchek tool found defective will, when returned to our factory, be cheerfully replaced free of charge.

TERMS

2% 10 days, net 30

Freight; F. O. B. Factory at Cleveland, Ohio, with full freight allowed, based on lowest transportation costs, on shipments of 100 lbs. or more.

Export Shipments: Freight allowed to cars, New York, on shipments weighing 100 lbs. or more.

All prices subject to change without notice.

THE VLCHek TOOL COMPANY
CLEVELAND, OHIO



THE VLCHER TOOL COMPANY

DROP FORGED MECHANICS HAND TOOLS

HARDWARE



AUTOMOTIVE

3001 EAST 87TH STREET
CLEVELAND

November 28 '38

Mr Ralph Frech
Ralph's Repair Shop,
Lebanon S. Dak.

Dear Sir:

We have your card request of the 24th for copy of our catalog covering our products as advertised in "Motor Service" and are pleased to comply, forwarding to you in another mailing, a copy of our latest edition A-4.

You can buy our tools through most Automotive and Parts houses and through many direct Tool Salesmen, but if you are unable to do so, we will be glad to see that your needs are taken care of.

We feel certain that if you once start equipping your kit with "Vlcher Tools" you will want to continue with them, and we trust that you will find many items listed in our catalog, of interest.

Yours very truly,

THE VLCHER TOOL COMPANY

Sales Department

GJP*J

Screwdrivers

Pliers

Wrenches

Chisels

Hammers